

ANNUAL REPORT
OF
OCEANOGRAPHIC OBSERVATIONS
VOLUME 37

海洋調査年報

第 37 卷

1 9 8 8

國立水產振興院

National Fisheries Research and Development Agency
Shirang-ri Kijang-up Yangsan-gun, Kyongsangnam-do
626 -900 Republic of Korea

August 1990



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資 料 및 方 法

本 年報에 收錄된 資料는 1988年 當院에서 調査한 沿岸定地 海洋觀測資料, 定線 海洋觀測資料, 韓日共同 海洋調査資料와 浮游生物 調査資料를 다음과 같이 綜合하였다.

沿岸定地海洋觀測

1988年 韓國近海의 41個 沿岸定地 觀測點에서 每日 1回(10時) 水溫, 氣溫 및 氣象調査를 實施한 資料中에서 表面水溫과 氣溫의 每旬別 平均値를 算出하여 收錄하였다.

定線海洋觀測

1988年 韓國近海의 定線 21個線(東海:8個線, 南海:7個線, 西海:6個線)에서 隔月로 實施한 定線海洋觀測調査資料를 電子計算機(ECLIPS MV 7800)로서 觀測資料의 標準化處理 및 力學計算을 實施 收錄하였다.

韓日共同海洋觀測

定線海洋觀測點과 重複되지 않는 12個 定點에 對한 資料를 收錄하였으며 資料의 處理는 定線海洋觀測과 同一하다.

營養鹽類調查

南海의 定線海洋觀測點中 隔點에서 0, 20, 50m, 底層의 海水를 폴리에틸렌병에 採水하여 -20°C 의 冷凍庫에 保管, 實驗室로 運搬한 후 ANA-7A 光電光度計로 吸光值를 測定하여 磷酸鹽-磷($\text{PO}_4\text{-P}$)과 亞窒酸鹽-窒素($\text{NO}_2\text{-N}$)와 窒酸鹽-窒素($\text{NO}_3\text{-N}$)의 濃度를 計算하였다(Strickland and Parsons, 1972).

浮游生物調查

定線海洋觀測時 Norpac net(網目 0.33mm)를 使用하여 海域別로 東海는 一般的으로 100m, 西海 및 南海는 底層에서 表面까지 0.5~1m/sec의 速度로써 垂直 採集하여 約 5%의 中性 Formalin으로 固定하였다.

採集된 浮游生物 試料는 實驗室에서 大形인 腔腸類, 甲殼類 및 被囊類 등을 除去한 후 容積測定法에 依한 沈澱量과 重量測定法에 依한 濕重量을 測定하였으며 Copepoda, Chaetognatha, Amphipoda, Euphausiacea의 個體數를 計數 表示하였다.

DATA AND METHOD

The annual report contains the data of the coastal, serial and miscellaneous oceanographic observations and plankton measurement conducted in the Korean waters in 1988, and the procedures are as follows.

COASTAL OCEANOGRAPHIC DATA

The daily observations of once a day(at 10:00 a.m.) were carried out for surface water temperature, air temperature and meteorological factors at 41 fixed stations in the Korean coastal waters.

For summarization of the data, the data of surface water and air temperatures in every ten—day were averaged and given in the tables.

SERIAL OCEANOGRAPHIC DATA

The serial oceanographic observations were carried out bimonthly on 21 fixed lines in the Korean waters in February, April, June, August, October and December 1988. The water temperature, salinity, dissolved oxygen and meteorological factors were measured.

The collected data were processed by computer(ECLIPSE MV 7800).

KOREA—JAPAN COOPERATIVE OCEANOGRAPHIC DATA

The data were collected from 12 stations that were not overlapping with the serial oceanographic stations and the data was processed by the same method as serial oceanographic data.

NUTRIENT SALTS DATA

The seawater samples collected at the 0, 20, 50m and bottom layer in every other stations of the Southern Sea, were stored at -20°C in the refrigerator on vessel. And then the seawater samples were analyzed with ANA-7A photoelectric photometer according to the Strickland and Parsons method in laboratory.

PLANKTON DATA

The plankton were vertically sampled by a Norpac net(mesh size, 0.33mm) from 100m in the Eastern Sea, and from the bottom in the Western and Southern Sea of Korea with about 0.5—1.0m/sec in speed, and each sample was fixed in about 5% neutral formalin.

For the quantitative examination of the plankton in the laboratory, measurement of the settling volume and the wet weight were carried out after removing the megaloplankton(such as Hydromedusae, Scyphomedusae and Doliolum) over 2cm.

The individual numbers of Copepoda, Chaetognatha, Amphipoda and Euphausiacea in each sample were counted under a microscope and given in the tables.

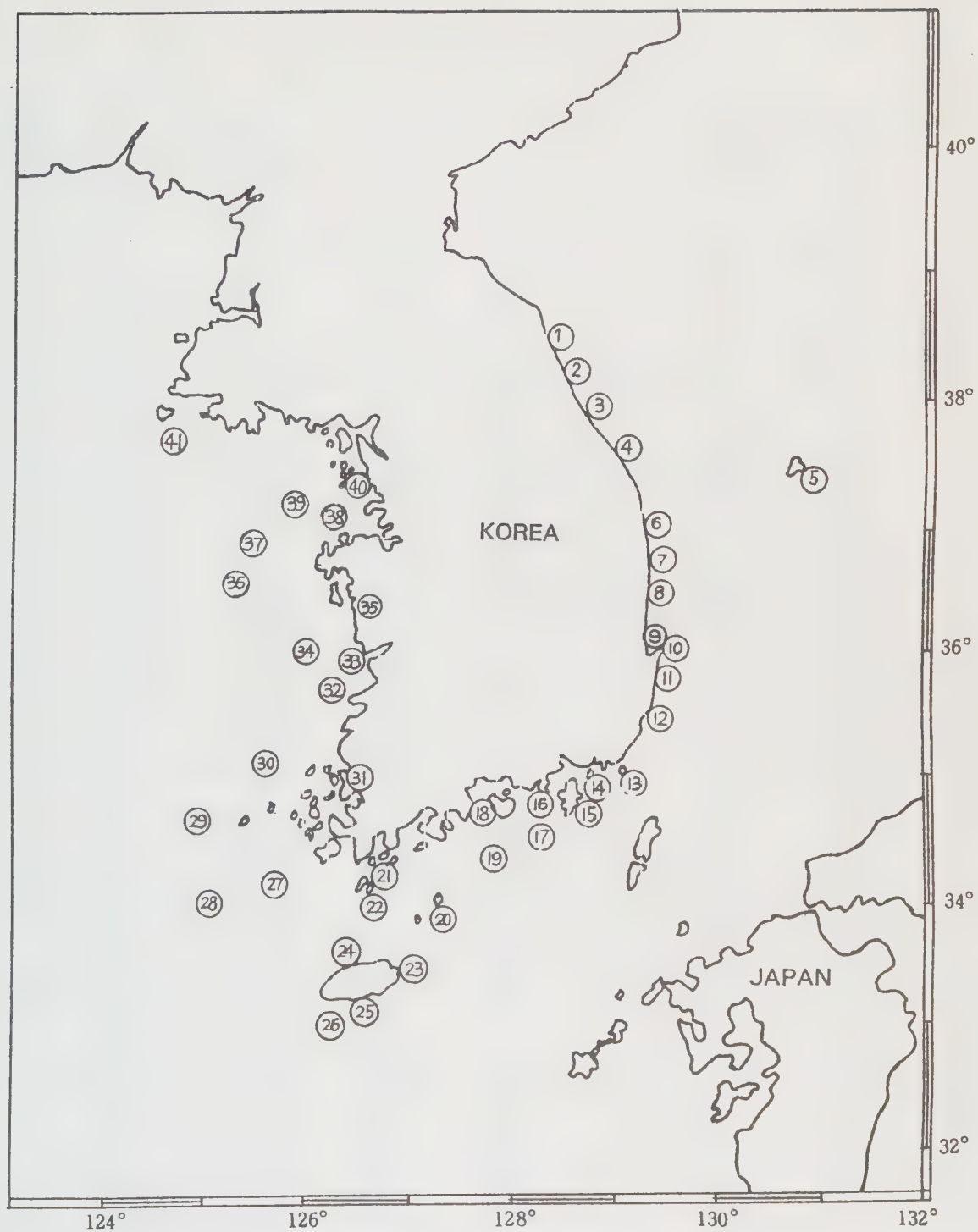
第一編

沿岸定地海洋觀測成績

PART 1

COASTAL OCEANOGRAPHIC DATA

1988



沿岸定地海洋觀測點位置圖
Location of the coastal stations.

沿岸定地海洋觀測點位置表
Position of the coastal stations

해역 Region	번호 No.	관측지명 Name of the Station	위치 Position		관측회수 Frequency of Observation	관측개시년월 Date of Inauguration
			북위 Lat.(N)	동경 Long.(E)		
동해안 East Coast	1	거진 Kōjin	38°28'30"	128°26'00"	매일 Daily ※	1967. 4
	2	속초 Sokch'o	38°12'32"	128°36'18"	매일 Daily "	1967. 4
	3	주문진 Chumunjin	37°53'15"	128°50'00"	매일 Daily "	1952. 8
	4	묵호 Muk'o	37°32'58"	129°07'15"	매일 Daily "	1967. 6
	5	울릉도 Ullŭngdo	37°29'00"	130°54'35"	매일 Daily "	1931. 11
	6	죽변 Chukpyŏn	37°03'28"	129°26'00"	매일 Daily "	1916. 7
	7	후포 Hup'o	36°40'42"	129°27'42"	매일 Daily "	1968. 9
	8	측산 Ch'uksan	36°30'29"	129°27'37"	매일 Daily "	1968. 4
	9	포항 P'ohang	37°02'56"	129°26'10"	매일 Daily "	1946. 7
	10	장기갑 Changgigap	36°04'35"	129°34'30"	매일 Daily "	1916. 7
	11	감포 Kamp'o	35°48'20"	129°30'40"	매일 Daily "	1967. 5
	12	울기 Ulgi	35°29'28"	129°26'50"	매일 Daily "	1939. 1
남해안 South coast	13	부산 Pusan	35°05'08"	129°02'07"	매일 Daily "	1925. 3
	14	가덕도 Kadōkto	34°59'20"	128°49'50"	매일 Daily "	1930. 1
	15	서이말 Sōimal	34°47'00"	128°44'10"	매일 Daily "	1967. 4
	16	충무 Ch'ungmu	34°49'55"	128°24'40"	매일 Daily "	1979. 5
	17	육지도 Yokchido	34°40'50"	128°10'35"	매일 Daily "	1969. 1
	18	여수 Yōsu	34°44'00"	127°44'00"	매일 Daily "	1921. 1
	19	소리도 sorido	34°24'15"	127°48'15"	매일 Daily "	1928. 4
	20	거문도 Kōmundo	34°00'30"	127°19'15"	매일 Daily "	1916. 7
	21	완도 Wando	34°19'10"	126°45'00"	매일 Daily "	1967. 9
	22	자지도 Chajido	34°05'20"	126°36'15"	매일 Daily "	1928. 4
	23	우도 Udo	33°29'10"	126°58'10"	매일 Daily "	1967. 4
	24	산지 Sanji	33°31'10"	126°33'00"	매일 Daily "	1923. 10
	25	서귀포 Sōgwip'o	33°13'30"	126°34'45"	매일 Daily "	1963. 1
	26	마라도 Marado	33°06'45"	126°16'20"	매일 Daily "	1923. 10
서해안 West coast	27	죽도 Chukto	34°13'30"	125°51'00"	매일 Daily "	1916. 7
	28	소흑산도 Sohŭksando	34°05'30"	125°06'05"	매일 Daily "	1925. 10
	29	홍도 Hongdo	34°42'30"	125°13'00"	매일 Daily "	1933. 1
	30	칠발도 Ch'ilbaldo	34°47'25"	125°47'30"	매일 Daily "	1967. 5
	31	목포 Mokp'o	34°46'40"	126°23'05"	매일 Daily "	1928. 8
	32	말도 Maldo	35°51'15"	126°19'10"	매일 Daily "	1967. 4
	33	군산 Kunsan	35°59'15"	126°43'00"	매일 Daily "	1939. 4
	34	어청도 Ōch'ōngdo	36°06'40"	125°59'15"	매일 Daily "	1916. 7
	35	대천 Daech'ŏn	36°20'30"	126°30'30"	매일 Daily "	1939. 1
	36	격열비도 Kyōngyōlbido	36°37'15"	125°33'20"	매일 Daily "	1916. 7
	37	목덕도 Moktōkto	36°55'40"	125°45'30"	매일 Daily "	1967. 9
	38	부도 Pudo	37°08'40"	126°21'00"	매일 Daily "	1926. 1
	39	선미도 Sōnmido	37°17'10"	126°04'45"	매일 Daily "	1967. 7
	40	월미도 Wolmido	37°28'25"	126°36'30"	매일 Daily "	1967. 4
	41	소청도 Soch'ōngdo	37°45'00"	124°44'00"	매일 Daily "	1916. 7

※ 매일 오전 10시 관측, Observed at 10 A.M

沿岸定地 月別 表面水溫

Surface water temperatures at the coastal stations

(단위 : °C)

월 Month	관측점 Station 수 Ten days	① 거진 Kōjin	② 속초 Sokch'o	③ 주문진 Chumunjin	④ 묵호 Muk'o	⑤ 울릉도 Ullungdo	⑥ 죽변 Chukpyŏn	⑦ 후포 Hup'o
1 월 Jan.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	7.63 7.08 6.21 6.97	9.77 9.99 8.31 9.36	10.26 10.49 9.22 9.99	9.88 9.18 9.58 9.55	13.35 12.56 11.75 12.55	11.97 12.25 11.01 11.74	11.60 11.61 11.00 11.40
2 월 Feb.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	5.58 5.55 7.43 6.19	6.55 7.57 8.48 7.53	9.20 8.85 8.30 8.78	9.47 9.48 8.96 9.31	10.81 10.07 9.68 10.19	9.97 9.93 10.03 9.98	8.99 10.98 11.50 10.49
3 월 Mar.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	7.29 6.44 7.75 7.16	7.92 8.92 8.85 8.56	8.10 8.27 9.46 8.61	8.43 9.09 10.15 9.22	9.03 8.93 9.48 9.15	9.93 10.86 11.29 10.67	10.41 11.00 11.03 10.81
4 월 Apr.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	8.19 8.55 9.56 8.77	9.33 9.46 11.47 10.09	10.25 11.78 11.63 11.22	11.09 12.10 11.52 11.57	10.20 10.53 10.99 10.57	12.05 12.61 12.97 12.54	11.64 12.39 12.50 12.18
5 월 May	상수 1st 중수 2nd 하수 3rd 월평균 Mean	12.41 13.44 14.73 13.53	13.92 15.53 14.47 14.64	13.72 14.21 16.06 14.66	13.14 14.64 15.08 14.29	13.36 14.38 16.00 14.58	13.83 15.58 14.94 14.78	12.23 13.84 15.50 13.86
6 월 June	상수 1st 중수 2nd 하수 3rd 월평균 Mean	16.31 17.00 18.58 17.30	16.27 18.66 18.25 17.73	15.20 18.38 20.02 17.87	15.84 18.42 19.13 17.80	17.00 18.70 19.61 18.44	16.43 17.05 19.07 17.52	16.50 17.06 17.22 16.93
7 월 Jul.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	18.53 20.20 20.34 19.69	20.14 22.10 22.11 21.45	20.80 21.52 21.25 21.19	20.46 21.18 20.77 20.80	20.08 21.16 21.94 21.06	20.34 20.62 21.48 20.81	19.69 19.31 19.45 19.48
8 월 Aug.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	21.66 23.51 23.13 22.77	23.48 23.67 23.17 23.44	22.24 22.84 23.62 22.90	22.71 25.83 24.93 24.49	23.81 25.60 25.05 24.82	22.90 25.12 24.97 24.33	24.62 24.65 23.75 24.34
9 월 Sep.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	21.77 21.31 19.34 20.81	22.60 22.42 21.17 22.06	23.86 23.27 23.40 23.18	23.92 22.69 21.73 22.78	24.27 22.85 21.79 22.97	24.25 23.22 22.74 23.40	24.04 23.36 23.00 23.47
10 월 Oct.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	19.96 18.70 17.80 18.82	20.18 19.71 17.37 19.09	20.40 19.75 18.92 19.69	20.88 19.93 18.66 19.82	20.85 19.50 18.35 19.57	21.43 20.65 19.27 20.45	21.47 20.17 18.58 20.07
11 월 Nov.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	15.64 14.11 13.11 14.29	16.39 14.41 12.11 14.30	16.80 15.22 12.23 14.75	16.58 14.80 13.77 15.05	17.14 15.61 14.63 15.79	16.99 15.19 13.36 15.18	16.44 14.43 12.61 14.49
12 월 Dec.	상수 1st 중수 2nd 하수 3rd 월평균 Mean	11.62 9.22 9.16 10.00	13.16 10.84 9.90 11.30	12.30 10.50 9.30 10.61	12.75 11.16 11.19 11.70	13.63 12.77 11.99 12.80	13.28 12.26 11.82 12.45	12.81 11.68 12.19 12.23
년 Year	년평균 Mean	13.86	14.96	15.29	15.53	16.04	16.16	15.81

월 Month	관측점 Station		⑧	⑨	⑩	⑪	⑫	⑬	⑭
	순 Ten days		축 산 Ch'uksan	포 항 P'ohang	장기갑 Changgigap	감 포 Kamp'o	울 기 Ulgi	부 산 Pusan	가덕도 Kadōk to
1 월 . Jan.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	11.46 10.85 10.97 11.09	10.07 9.10 8.04 9.07	10.94 10.11 9.95 10.33	12.74 12.98 12.35 12.69	13.68 13.54 13.43 13.55	11.32 11.30 11.61 11.41	11.55 11.71 11.53 11.60
2 월 Feb.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	9.71 10.35 10.18 10.08	6.63 7.47 8.00 7.37	8.77 8.81 10.52 9.37	11.52 11.19 11.20 11.30	12.75 12.67 12.82 12.75	10.13 10.55 11.57 10.75	9.67 10.71 9.98 10.12
3 월 Mar.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	10.43 11.00 11.24 10.89	8.59 8.88 10.32 9.26	10.04 10.99 11.82 10.95	11.22 11.33 12.26 11.60	12.11 12.23 12.77 12.37	10.85 11.66 12.07 11.53	10.11 11.49 11.07 10.89
4 월 Apr.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	12.23 12.10 11.86 12.06	13.59 12.91 13.03 13.18	12.63 12.49 12.14 12.42	13.26 12.41 12.49 12.72	12.98 12.68 12.85 12.83	12.60 13.06 13.38 13.01	11.85 12.49 13.05 12.46
5 월 May	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	12.73 13.37 14.50 13.53	13.25 13.59 15.75 14.20	12.93 14.48 15.94 14.45	13.19 14.67 16.17 14.68	13.39 14.25 15.75 14.46	13.77 14.14 15.91 14.61	13.87 14.37 15.82 14.87
6 월 June	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	15.23 16.07 19.05 16.78	17.76 18.74 20.29 18.93	16.84 18.20 18.89 18.31	15.95 16.95 19.70 17.53	16.28 16.36 18.91 17.18	16.70 17.23 19.60 17.84	17.08 17.80 19.91 18.26
7 월 Jul.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	20.58 21.60 20.74 20.97	21.35 23.38 22.05 22.26	21.49 22.66 22.73 22.29	21.21 20.11 22.95 21.42	18.95 19.51 23.11 20.52	21.16 21.12 22.73 21.67	22.60 24.00 21.99 22.86
8 월 Aug.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	23.95 24.77 25.12 24.61	24.55 25.39 25.25 25.06	24.51 25.55 25.31 25.12	23.46 25.56 25.80 24.94	22.86 24.49 24.44 23.93	23.79 25.45 25.16 24.80	24.61 25.07 25.08 24.92
9 월 Sep.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	25.02 24.07 23.87 24.32	24.59 23.91 22.85 23.78	24.39 23.37 22.73 23.50	24.44 24.01 23.68 24.04	24.18 23.73 22.94 23.62	23.90 23.81 22.70 23.47	24.10 23.78 23.03 23.64
10 월 Oct.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	22.44 20.02 18.92 20.46	21.56 19.94 19.04 20.18	21.80 19.13 18.58 19.84	22.53 21.22 19.89 21.21	22.33 20.95 19.81 21.03	21.92 20.38 19.12 20.47	22.01 20.56 19.19 20.59
11 월 Nov.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	17.18 15.60 14.59 15.79	16.49 14.24 11.48 14.07	15.65 14.51 13.87 14.68	17.77 15.32 14.25 15.78	17.91 15.35 14.86 16.04	17.24 14.73 13.61 15.19	17.78 15.48 14.19 15.82
12 월 Dec.	상 중 하 월 평균	순 1 st 순 2 nd 순 3 rd Mean	13.56 12.36 11.15 12.36	12.29 10.61 10.37 11.09	11.62 11.19 11.16 11.32	15.06 12.84 12.89 13.60	14.83 13.29 14.15 14.09	12.80 12.07 11.72 12.20	13.90 12.56 12.54 13.00
년 Year	년 평균 Mean		16.08	15.70	16.05	16.79	16.86	16.41	16.59

월 Month	관측점 Station		⑮	⑯	⑰	⑱	⑲	⑳	㉑
	순 Ten days		서이말 Sõimal	총 무 Ch'ungmu	육지도 Yokchido	여 수 Yõsu	소리도 Sorido	거문도 Kõmundo	완 도 Wando
1 월	상	순 1 st	12.55	9.15		8.27	12.22	13.94	9.06
Jan.	중	순 2 nd	13.13	7.42		6.95	11.28	13.47	8.19
	하	순 3 rd	12.37	7.11		6.46	10.97	14.51	8.21
	월	월 평균 Mean	12.68	7.89		7.23	11.82	13.97	8.49
2 월	상	순 1 st	12.22	6.20		5.28	10.04	12.04	7.11
Feb.	중	순 2 nd	12.69	5.91		4.72	9.68	11.41	6.22
	하	순 3 rd	12.81	7.31		5.61	9.89	11.74	7.14
	월	월 평균 Mean	12.57	6.47		5.20	9.87	11.73	6.82
3 월	상	순 1 st	12.10	9.80		6.44	10.42	11.88	6.93
Mar.	중	순 2 nd	12.40	10.07		7.18	10.83	11.65	7.45
	하	순 3 rd	11.74	10.27		8.57	10.81	12.48	8.76
	월	월 평균 Mean	12.08	10.05		7.40	10.69	12.00	7.71
4 월	상	순 1 st	12.31	11.60		9.96	10.47	12.56	9.90
Apr.	중	순 2 nd	12.43	12.91		11.71	11.49	11.81	10.89
	하	순 3 rd	12.48	13.90		12.98	12.02	13.06	11.79
	월	월 평균 Mean	12.41	12.80		11.55	11.33	12.48	10.86
5 월	상	순 1 st	13.07	15.01		14.57	13.07	13.56	13.27
May	중	순 2 nd	13.81	15.87		15.56	13.93	14.12	14.11
	하	순 3 rd	15.15	17.19		17.35	14.54	15.10	15.81
	월	월 평균 Mean	14.01	16.02		15.86	13.85	14.26	14.39
6 월	상	순 1 st	15.58	18.71		18.85	15.76	15.69	17.10
June	중	순 2 nd	16.22	18.90		19.73	18.57	17.55	17.74
	하	순 3 rd	18.06	21.13		20.87	19.38	17.72	18.72
	월	월 평균 Mean	16.62	19.58		19.82	17.90	16.99	17.85
7 월	상	순 1 st	19.96	21.97	21.57	22.85	21.44	21.51	20.43
Jul.	중	순 2 nd	21.44	23.41	23.03	24.45	23.53	21.97	21.51
	하	순 3 rd	23.03	23.07	23.33	23.95	23.71	23.15	22.53
	월	월 평균 Mean	21.48	22.82	22.64	23.75	22.89	22.21	21.49
8 월	상	순 1 st	23.53	25.81	24.69	25.39	24.75	24.74	24.71
Aug.	중	순 2 nd	25.56	26.09	26.80	26.23	26.27	26.66	25.51
	하	순 3 rd	24.75	26.25	26.11	26.61	26.45	26.04	25.50
	월	월 평균 Mean	24.61	26.05	25.87	26.08	25.82	25.81	25.24
9 월	상	순 1 st	24.17	24.05	24.41	25.45	24.33	24.83	23.87
Sep.	중	순 2 nd	24.51	24.03	23.62	24.61	24.63	24.11	23.70
	하	순 3 rd	23.51	23.24	23.06	24.17	23.68	23.12	23.15
	월	월 평균 Mean	24.06	23.77	23.70	24.74	24.21	24.02	23.57
10 월	상	순 1 st	22.67	21.83	22.91	22.50	23.02	22.34	22.05
Oct.	중	순 2 nd	20.53	21.10	22.65	20.79	21.79	20.41	20.27
	하	순 3 rd	18.99	19.94	20.67	19.82	19.65	18.71	18.31
	월	월 평균 Mean	20.73	20.96	22.08	21.04	21.32	20.49	20.21
11 월	상	순 1 st	17.27	17.26		17.35	17.59	16.43	16.12
Nov.	중	순 2 nd	15.83	15.35		14.97	15.30	14.66	14.13
	하	순 3 rd	14.84	13.69		12.56	14.40	14.45	12.75
	월	월 평균 Mean	15.98	15.43		14.96	15.76	15.18	14.33
12 월	상	순 1 st	14.63	11.77	11.40	10.31	13.57	14.63	11.30
Dec.	중	순 2 nd	13.43	10.04	10.70	8.83	12.82	13.83	10.40
	하	순 3 rd	13.13	8.95	9.45	7.56	11.64	13.56	9.55
	월	월 평균 Mean	13.73	10.25	10.52	8.90	12.68	14.01	10.42
년 Year	년	년 평균 Mean	16.75	16.01	—	15.54	16.51	16.93	15.12

월 Month	관측점 Station		㉔ 자지도 Chajido	㉔ 우 도 Udo	㉔ 산 지 Sanji	㉔ 서귀포 Sŏgwip'o	㉔ 마라도 Marado	㉔ 죽 도 Chukto	㉔ 소흑산도 Sohŭksando
	순 Ten days								
1 월 Jan.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		10.30 9.15 9.20 9.55	15.28 15.23 14.35 14.95	15.28 13.78 13.60 14.22	15.99 14.97 14.50 15.15	17.60 17.27 16.73 17.20	11.06 10.30 10.05 10.47	11.55 11.10 10.66 11.10
2 월 Feb.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		8.72 8.11 8.00 8.28	13.81 13.69 14.17 13.89	13.24 12.54 12.92 12.90	14.52 14.54 14.60 14.55	16.25 16.16 16.30 16.24	8.96 7.86 7.13 7.98	10.25 9.32 8.73 9.43
3 월 Mar.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		7.43 8.15 9.73 8.47	14.26 14.18 14.17 14.20	13.44 14.12 14.69 14.08	14.22 14.68 14.55 14.48	14.70 14.36 14.20 14.42	7.26 7.82 9.45 8.18	8.62 8.76 8.38 8.59
4 월 Apr.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		9.93 10.53 11.08 10.51	14.25 14.26 14.34 14.28	15.12 15.44 15.77 15.44	14.82 15.10 15.97 15.30	14.27 15.02 15.84 15.04	9.54 9.47 10.23 9.75	8.94 9.51 9.87 9.44
5 월 May	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		12.17 13.16 14.15 13.16	14.67 15.56 17.93 16.05	16.14 16.62 16.94 15.57	16.68 17.53 18.82 17.71	16.47 17.31 18.06 17.28	11.57 12.34 13.31 12.39	10.76 10.76 11.85 11.12
6 월 June	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		14.95 14.90 16.59 15.48	18.50 19.27 19.54 19.10	17.18 17.60 18.31 17.70	19.67 19.97 21.38 20.34	18.28 19.88 21.21 19.77	14.26 14.13 16.41 14.93	12.04 13.38 14.27 13.23
7 월 Jul.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		18.44 19.86 23.48 20.59	20.05 21.91 23.10 21.69	18.74 21.31 22.87 20.97	22.78 23.38 24.11 23.42	20.87 25.58 24.88 23.78	16.75 18.46 18.52 17.91	15.95 18.56 21.25 18.59
8 월 Aug.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		23.31 24.36 22.78 23.48	23.96 24.50 25.70 24.72	23.46 24.25 23.61 23.77	25.66 26.71 25.20 25.86	25.36 27.36 25.75 26.16	20.43 22.34 21.17 21.31	23.38 24.29 26.32 24.66
9 월 Sep.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		22.50 23.08 22.31 22.63	25.57 25.11 24.66 25.11	22.79 21.55 20.39 21.58	24.83 24.37 23.91 24.37	25.04 24.52 24.31 24.62	22.54 21.33 20.95 21.62	24.38 22.65 20.31 22.43
10 월 Oct.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		21.39 18.65 17.20 19.08	23.48 22.24 20.62 22.11	19.91 19.71 19.53 19.72	23.13 22.06 20.70 21.96	23.98 20.31 19.13 21.14	20.68 18.13 17.00 18.60	20.39 19.34 17.05 18.93
11 월 Nov.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		15.93 14.88 13.13 14.65	19.48 18.40 17.62 18.50	18.16 17.43 16.86 17.48	20.90 20.38 18.54 19.94	20.57 19.43 18.12 19.37	15.37 14.13 14.30 14.60	15.21 13.94 12.53 13.89
12 월 Dec.	상 순 1 st 중 순 2 nd 하 순 3 rd 월 평균 Mean		12.80 11.73 10.74 11.76	17.23 16.25 15.30 16.26	16.04 15.34 15.01 15.46	17.71 15.92 15.48 16.37	17.31 16.42 15.84 16.52	13.23 13.10 12.40 12.91	14.68 13.60 12.46 13.58
년 Year	년 평균 Mean		14.80	18.41	17.49	19.12	19.30	14.22	14.58

월 Month	관측점 Station		㉨ 홍 도 Hongdo	㉩ 칠발도 Ch'ilbaldo	㉪ 목 포 Mokp'o	㉫ 말 도 Maldo	㉬ 군 산 Kunsan	㉭ 어청도 Ŏch'ŏngdo	㉮ 대 천 Daech'ŏn
	순 Ten days								
1 월 Jan.	상	1 st	10.68	7.63	7.42	5.97	3.77	8.40	5.62
	중	2nd	9.99	6.14	6.44	5.11	2.75	7.53	5.42
	하	3rd	9.25	5.65	5.70	4.98	2.64	5.97	4.62
	월								
	평균	Mean	9.97	6.47	6.52	5.35	3.05	7.30	5.22
2 월 Feb.	상	1 st	8.32	5.02	4.58	3.50	1.49	5.22	3.02
	중	2nd	7.53	4.03	4.12	2.77	1.42	4.19	2.48
	하	3rd	7.40	4.22	4.97	3.58	3.28	4.09	3.42
	월								
	평균	Mean	7.75	4.42	4.56	3.28	2.06	4.50	2.97
3 월 Mar.	상	1 st	7.46	4.61	4.66	3.38	4.45	4.54	3.27
	중	2nd	7.59	5.11	6.35	4.23	5.80	5.08	4.66
	하	3rd	7.44	5.83	6.54	5.05	7.66	5.43	5.34
	월								
	평균	Mean	7.50	5.18	5.52	4.22	5.97	5.02	4.42
4 월 Apr.	상	1 st	7.83	7.79	8.82	6.34	10.20	5.75	6.68
	중	2nd	8.07	8.09	10.08	7.44	12.22	6.44	8.45
	하	3rd	8.52	10.08	11.50	8.92	13.93	7.02	9.94
	월								
	평균	Mean	8.14	8.32	10.13	7.57	13.12	6.40	8.36
5 월 May	상	1 st	9.69	10.95	14.07	10.19	16.91	7.71	12.01
	중	2nd	9.94	11.24	15.17	11.79	17.95	9.14	13.32
	하	3rd	12.39	13.20	16.63	13.25	20.67	11.38	14.96
	월								
	평균	Mean	10.67	11.80	15.29	11.74	18.51	9.41	13.43
6 월 June	상	1 st	12.54	14.59	18.60	13.89	21.36	13.56	15.98
	중	2nd	11.85	15.41	20.67	16.12	23.23	14.66	17.77
	하	3rd	14.27	16.67	20.61	17.25	24.22	16.71	19.95
	월								
	평균	Mean	12.89	15.56	19.96	15.75	22.97	14.98	17.90
7 월 Jul.	상	1 st	18.41	19.59	22.51	18.70	25.89	17.83	21.09
	중	2nd	23.11	21.96	24.82	22.94	25.87	19.39	22.30
	하	3rd	23.85	21.52	24.02	22.84	23.71	23.45	24.21
	월								
	평균	Mean	21.79	21.02	23.78	21.49	25.16	20.22	22.53
8 월 Aug.	상	1 st	24.11	21.90	25.14	22.89	26.68	23.72	24.62
	중	2nd	25.49	23.19	26.59	23.43	28.23	23.27	25.31
	하	3rd	21.21	22.89	26.44	24.09	26.84	23.49	25.83
	월								
	평균	Mean	23.60	22.66	26.06	23.47	27.25	23.49	25.25
9 월 Sep.	상	1 st	22.45	23.11	25.25	24.07	25.13	21.69	24.67
	중	2nd	22.54	21.88	24.34	32.99	24.32	21.91	23.68
	하	3rd	19.96	20.77	23.49	21.99	22.73	21.10	22.29
	월								
	평균	Mean	21.65	21.92	24.36	23.01	24.06	21.57	23.55
10 월 Oct.	상	1 st	18.03	20.01	22.02	20.21	21.06	19.76	20.97
	중	2nd	17.61	18.96	20.13	18.61	18.01	19.05	18.93
	하	3rd	16.51	17.91	18.53	17.37	16.58	17.63	17.50
	월								
	평균	Mean	17.38	18.96	20.23	18.73	18.55	18.81	19.13
11 월 Nov.	상	1 st	15.57	16.73	16.98	15.63	13.74	16.04	14.95
	중	2nd	13.50	14.66	14.51	13.57	10.56	13.90	12.74
	하	3rd	12.53	12.31	11.44	11.11	7.93	12.24	10.79
	월								
	평균	Mean	13.87	14.57	14.31	13.44	10.74	14.06	12.83
12 월 Dec.	상	1 st	11.57	10.15	9.61	9.71	5.80	11.15	8.77
	중	2nd	11.07	8.27	8.23	7.90	4.36	9.38	6.98
	하	3rd	10.65	7.83	6.85	6.73	3.41	8.75	6.14
	월								
	평균	Mean	11.10	8.75	8.23	8.11	4.52	9.96	7.30
년 Year	년평균	Mean	13.86	13.30	14.91	13.01	14.58	12.96	13.57

월 Month	관측점 Station 순 Ten days	㉞ 격열비도 Kyōngyōlbido	㉟ 목덕도 Moktōkto	㊱ 부도 Pudo	㊲ 선미도 Sōnmido	㊳ 월미도 Wolmido	㊴ 소청도 Soch'ōngdo
1 월 Jan.	상 중 하 월평균 1st 2nd 3rd Mean	8.31 7.18 5.79 7.09	6.49 5.43 4.12 5.35	6.67 5.28 3.94 5.30	6.28 5.40 3.96 5.21	3.79 3.49 2.90 3.39	6.51 6.14 5.10 5.92
2 월 Feb.	상 중 하 월평균 1st 2nd 3rd Mean	4.56 3.62 3.61 3.93	3.04 2.26 2.38 2.56	1.64 2.41 2.61 2.22	2.66 1.81 2.14 2.20	1.92 0.68 1.88 1.49	3.96 3.53 3.30 3.60
3 월 Mar.	상 중 하 월평균 1st 2nd 3rd Mean	3.37 3.60 3.85 3.61	2.81 3.04 3.57 3.14	2.45 2.88 3.85 3.06	2.30 2.74 3.37 2.80	2.40 3.23 4.68 3.44	3.46 3.66 4.35 3.82
4 월 Apr.	상 중 하 월평균 1st 2nd 3rd Mean	4.49 5.19 6.22 5.30	4.66 5.94 7.33 5.98	4.86 6.19 7.69 6.25	4.63 6.14 7.50 6.09	6.47 8.50 9.95 8.31	5.17 5.85 6.72 5.91
5 월 May	상 중 하 월평균 1st 2nd 3rd Mean	7.41 8.36 10.81 8.86	8.51 9.73 11.32 9.85	8.91 10.19 12.03 10.38	8.94 10.31 10.71 9.99	12.37 14.18 15.92 14.16	7.56 8.40 10.11 8.69
6 월 June	상 중 하 월평균 1st 2nd 3rd Mean	12.74 17.32 16.99 15.68	11.68 12.97 14.66 13.10	13.71 15.18 17.17 15.35	12.99 14.24 15.93 14.39	17.82 19.61 21.23 19.55	11.30 12.54 13.70 12.51
7 월 Jul.	상 중 하 월평균 1st 2nd 3rd Mean	16.64 21.27 23.10 20.34	16.07 17.53 20.15 17.92	18.15 18.75 19.34 18.75	17.52 18.31 19.43 18.42	22.22 22.75 22.76 22.58	15.00 17.17 19.39 17.19
8 월 Aug.	상 중 하 월평균 1st 2nd 3rd Mean	24.01 24.30 23.99 24.10	21.03 21.09 21.93 21.35	20.78 22.65 23.88 22.44	20.83 22.55 23.73 23.37	24.16 25.21 25.41 24.93	20.46 22.03 21.02 21.17
9 월 Sep.	상 중 하 월평균 1st 2nd 3rd Mean	23.42 22.78 21.21 22.47	22.08 22.23 22.31 22.21	23.34 23.27 22.49 23.03	23.14 23.13 22.30 22.86	24.50 23.81 22.23 23.51	18.81 18.09 17.82 18.24
10 월 Oct.	상 중 하 월평균 1st 2nd 3rd Mean	20.47 17.60 16.81 18.27	21.37 19.67 17.60 19.55	21.58 20.12 18.18 19.96	21.16 19.84 18.40 19.80	20.39 17.98 16.78 18.38	17.32 14.84 13.63 15.26
11 월 Nov.	상 중 하 월평균 1st 2nd 3rd Mean	15.31 13.60 11.53 13.48	15.49 13.21 11.13 13.28	16.41 14.47 12.15 14.34	15.69 13.92 12.70 14.10	14.41 13.02 10.10 12.51	11.75 10.42 9.39 10.52
12 월 Dec.	상 중 하 월평균 1st 2nd 3rd Mean	9.94 8.49 7.29 8.57	9.36 7.69 6.26 7.77	10.10 8.32 7.04 8.49	10.16 8.47 6.79 8.47	7.15 5.68 4.56 5.80	8.81 8.08 6.91 7.93
년 Year	년평균 Mean	12.64	11.84	12.46	12.23	13.17	10.90

沿岸定地 月別 氣溫

Air temperatures at the coastal stations

(단위 : °C)

월 Month	관측점 Station		①	②	③	④	⑤	⑥	⑦
	순 Ten days		거 진 Kōjin	속 초 Sokch'o	주문진 Chumunjin	묵 호 Muk'o	울릉도 Ullungdo	죽 변 Chukpyōn	후 포 Hup'o
1 월 Jan.	상	순 1 st	1.10	-1.45	3.61	2.22	4.19	3.73	3.20
	중	순 2nd	3.11	2.77	4.47	3.67	7.37	4.64	7.22
	하	순 3rd	-0.90	-1.34	1.55	-0.08	5.04	1.50	3.78
	월	평 Mean	1.10	-0.01	3.21	1.93	5.53	3.29	4.73
2 월 Feb.	상	순 1 st	-2.22	-4.20	0.83	-2.79	1.34	-0.42	2.63
	중	순 2nd	-0.46	-0.63	2.07	-0.26	2.77	1.71	3.56
	하	순 3rd	2.49	2.27	3.16	3.64	5.59	5.33	6.50
	월	평 Mean	-0.06	-0.85	2.02	0.20	3.23	2.21	4.23
3 월 Mar.	상	순 1 st	11.80	0.53	4.20	2.25	4.03	3.36	4.15
	중	순 2nd	6.57	6.64	6.86	7.73	9.50	9.21	8.94
	하	순 3rd	5.18	6.35	7.65	7.69	9.46	9.22	9.67
	월	평 Mean	7.85	4.51	6.18	5.89	7.66	7.26	7.59
4 월 Apr.	상	순 1 st	8.13	8.88	8.08	9.90	11.92	11.79	9.00
	중	순 2nd	13.54	14.15	14.44	14.32	14.57	14.77	15.99
	하	순 3rd	16.03	17.38	18.47	16.22	17.39	17.73	17.11
	월	평 Mean	12.63	13.47	13.66	13.48	14.63	14.76	13.90
5 월 May	상	순 1 st	14.86	15.26	19.28	15.12	16.50	16.13	13.63
	중	순 2nd	24.07	22.06	17.81	21.88	21.76	23.48	19.00
	하	순 3rd	16.61	16.62	18.23	16.45	18.95	18.39	18.66
	월	평 Mean	18.51	17.98	18.44	17.82	19.07	19.33	17.10
6 월 June	상	순 1 st	20.87	19.24	18.66	20.23	20.38	20.77	19.88
	중	순 2nd	20.87	20.92	20.45	21.49	23.67	22.34	21.67
	하	순 3rd	20.52	19.74	19.25	20.25	20.67	20.76	19.67
	월	평 Mean	20.75	19.97	19.45	20.66	21.57	21.29	20.41
7 월 Jul.	상	순 1 st	22.09	22.99	20.87	23.50	24.17	23.68	24.68
	중	순 2nd	21.31	22.62	22.41	23.16	23.86	21.56	21.00
	하	순 3rd	20.15	22.02	21.84	21.06	22.23	21.84	22.67
	월	평 Mean	21.18	22.54	21.71	22.57	23.42	22.36	22.78
8 월 Aug.	상	순 1 st	27.64	29.96	28.49	26.81	28.70	28.21	27.45
	중	순 2nd	26.03	24.55	27.71	25.57	26.86	25.59	24.03
	하	순 3rd	24.28	25.06	25.98	25.08	26.89	26.07	23.67
	월	평 Mean	25.98	26.52	27.39	25.82	27.48	26.62	25.05
9 월 Sep.	상	순 1 st	22.76	23.56	24.13	23.25	25.25	23.97	23.91
	중	순 2nd	22.09	21.57	22.25	22.98	23.39	22.89	21.79
	하	순 3rd	19.26	18.84	19.95	19.17	21.46	20.13	22.29
	월	평 Mean	21.37	21.32	22.11	21.80	23.37	22.33	22.66
10 월 Oct.	상	순 1 st	17.40	19.09	18.13	19.89	20.93	19.86	23.33
	중	순 2nd	17.45	18.27	16.63	18.37	19.57	18.20	20.85
	하	순 3rd	13.17	15.98	16.23	14.61	16.83	16.22	17.06
	월	평 Mean	16.01	17.78	17.00	17.62	19.11	18.09	20.41
11 월 Nov.	상	순 1 st	13.19	12.18	13.53	12.97	14.60	13.12	15.00
	중	순 2nd	8.33	8.45	11.11	8.83	11.52	9.69	11.53
	하	순 3rd	5.24	4.72	9.38	5.16	8.00	5.71	6.00
	월	평 Mean	8.92	8.45	11.34	8.97	11.37	9.51	10.84
12 월 Dec.	상	순 1 st	6.22	5.58	7.80	6.80	7.00	5.92	4.56
	중	순 2nd	2.50	2.52	4.86	3.82	4.70	3.68	2.94
	하	순 3rd	3.45	3.26	1.13	3.90	4.95	4.30	6.58
	월	평 Mean	4.06	3.79	4.60	4.84	5.55	4.63	4.69
년 Year	년	평 Mean	13.19	12.96	13.93	13.47	15.17	14.31	14.53

월	관측점 Station		⑧	⑨	⑩	⑪	⑫	⑬	⑭
Month	순	Ten days	축 산 Ch'uksan	포 항 P'ohang	장기갑 Changgigap	감 포 Kamp'o	울 기 Ulgi	부 산 Pusan	가덕도 Kadöktö
1. 월	상	순 1st	0.10	1.24	3.70	4.37	3.64	4.86	4.23
	중	순 2nd	1.12	2.86	3.00	4.57	3.94	5.68	3.93
	하	순 3rd	4.18	0.67	0.36	1.82	2.59	4.07	1.09
Jan.	월	평균 Mean	1.80	1.59	2.35	3.59	3.39	4.87	3.08
2. 월	상	순 1st	-1.00	-1.50	-1.60	-0.48	1.01	1.76	-0.75
	중	순 2nd	0.16	0.62	0.90	1.17	2.27	3.40	-0.21
	하	순 3rd	2.19	4.23	6.33	6.86	7.22	9.10	5.78
Feb.	월	평균 Mean	0.45	1.12	1.88	2.52	3.50	4.75	1.57
3. 월	상	순 1st	4.24	2.64	1.90	3.24	4.54	4.19	1.68
	중	순 2nd	5.63	8.60	8.00	8.85	8.98	10.25	8.10
	하	순 3rd	2.18	9.52	8.55	9.68	9.85	11.22	8.04
Mar.	월	평균 Mean	4.02	6.92	6.15	7.26	7.79	8.55	5.94
4. 월	상	순 1st	8.35	11.65	10.40	12.38	11.54	11.85	10.85
	중	순 2nd	14.58	15.64	13.20	14.15	15.00	14.29	12.78
	하	순 3rd	16.42	17.18	15.30	15.87	16.02	15.59	13.74
Apr.	월	평균 Mean	13.12	14.82	12.97	14.13	14.18	13.91	12.46
5. 월	상	순 1st	17.38	15.72	14.70	15.34	15.19	14.30	13.90
	중	순 2nd	16.79	21.25	19.40	19.55	19.74	18.48	16.38
	하	순 3rd	18.65	19.27	17.09	18.25	18.18	18.93	15.95
May	월	평균 Mean	17.61	18.75	17.06	17.71	17.70	17.24	15.41
6. 월	상	순 1st	17.33	20.78	19.90	19.73	20.00	19.51	19.42
	중	순 2nd	20.23	23.70	21.40	22.24	22.60	22.08	20.47
	하	순 3rd	20.09	21.37	20.30	21.32	21.08	22.17	20.29
June	월	평균 Mean	19.22	21.95	20.53	21.10	21.23	21.25	20.06
7. 월	상	순 1st	22.06	25.21	23.50	24.48	23.55	24.59	21.25
	중	순 2nd	21.40	23.22	22.30	23.59	23.08	24.49	22.01
	하	순 3rd	14.01	21.94	21.64	22.78	22.13	23.15	23.42
Jul.	월	평균 Mean	19.16	23.46	22.48	23.62	22.92	24.08	22.23
8. 월	상	순 1st	28.07	27.67	25.70	26.87	27.89	27.31	25.05
	중	순 2nd	23.81	25.70	25.20	26.29	25.76	26.81	25.35
	하	순 3rd	26.01	25.65	24.82	25.98	26.35	26.50	23.45
Aug.	월	평균 Mean	25.96	26.34	25.24	26.38	26.67	26.87	24.62
9. 월	상	순 1st	20.24	23.08	23.70	24.40	24.16	24.86	22.77
	중	순 2nd	15.78	22.65	22.50	23.38	23.65	24.60	22.10
	하	순 3rd	14.19	20.10	20.20	21.22	21.22	22.94	19.58
Sep.	월	평균 Mean	16.74	21.94	22.13	23.00	23.01	24.13	21.48
10. 월	상	순 1st	11.76	19.04	19.62	20.53	21.14	20.80	19.10
	중	순 2nd	19.04	16.61	17.31	18.54	18.82	18.60	16.90
	하	순 3rd	15.65	16.15	15.27	16.77	16.61	17.54	14.64
Oct.	월	평균 Mean	15.48	17.27	17.40	18.61	18.86	18.98	16.88
11. 월	상	순 1st	11.88	12.63	12.30	13.41	13.91	14.30	11.40
	중	순 2nd	3.48	9.47	9.00	10.23	10.51	10.09	9.10
	하	순 3rd	0.42	4.93	5.90	7.14	7.48	7.83	5.30
Nov.	월	평균 Mean	5.26	9.01	9.07	10.26	10.63	10.74	8.60
12. 월	상	순 1st	7.11	4.08	5.60	7.57	6.95	7.02	6.40
	중	순 2nd	2.52	1.83	2.70	4.63	5.09	5.87	2.80
	하	순 3rd	1.70	1.82	3.77	5.91	5.55	7.51	3.73
Dec.	월	평균 Mean	3.78	2.58	4.02	6.04	5.86	6.80	4.31
년 Year	년	평균 Mean	11.88	13.81	13.44	14.52	14.65	15.13	13.05

월 Month	관측점 Station 순 Ten days	⑮ 서이말 Söimal	⑯ 충 무 Ch'ungmu	⑰ 육지도 Yokchido	⑱ 여 수 Yösu	⑲ 소리도 Sorido	⑳ 거문도 Kömundo	㉑ 완 도 Wando
1 월 Jan.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	6.11 6.44 4.75 5.77	4.85 4.64 3.54 4.34		3.21 3.09 2.60 2.97	4.83 4.90 5.03 4.92	6.10 5.80 4.28 5.39	2.64 1.85 1.65 2.05
2 월 Feb.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	3.06 5.46 7.73 5.42	1.57 3.47 7.38 4.14		-1.62 1.33 5.92 1.88	1.50 2.50 7.22 3.74	2.10 3.20 8.56 4.62	0.80 0.97 6.00 2.59
3 월 Mar.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	5.89 9.84 9.25 8.33	6.05 9.76 10.08 8.63		2.81 7.62 8.67 6.37	4.63 7.70 8.18 6.84	3.60 9.20 9.73 7.51	3.34 5.27 7.88 5.50
4 월 Apr.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	12.93 15.20 15.89 14.67	14.64 15.21 16.90 15.58		10.32 13.57 14.61 13.00	10.20 12.20 12.70 11.70	10.90 13.30 14.00 12.73	11.91 11.85 13.94 12.57
5 월 May	상순 1st 중순 2nd 하순 3rd 월평균 Mean	15.25 20.93 18.73 18.30	17.87 18.74 20.39 19.00		15.57 18.41 18.55 17.51	14.70 16.60 17.45 16.25	16.00 16.90 18.73 17.18	16.92 17.04 20.06 18.00
6 월 June	상순 1st 중순 2nd 하순 3rd 월평균 Mean	20.12 24.04 22.08 22.08	20.24 24.45 21.83 22.17		20.29 23.50 21.83 21.87	18.50 20.90 20.40 19.93	20.00 20.80 21.20 20.67	20.94 22.39 22.35 21.89
7 월 Jul.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	25.05 24.85 21.55 23.82	24.46 26.22 23.80 24.83	25.25 25.90 22.71 24.62	24.35 26.08 22.84 24.42	23.00 25.00 22.55 23.52	24.30 25.90 23.64 24.61	25.70 27.39 25.42 26.17
8 월 Aug.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	27.90 26.48 25.92 26.77	28.03 27.55 26.34 27.31	27.03 26.58 25.35 26.32	27.01 26.70 25.43 26.38	26.10 26.60 25.00 25.90	26.70 26.80 24.82 26.11	26.88 28.10 26.30 27.09
9 월 Sep.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	24.01 22.78 20.46 22.42	24.17 23.36 22.06 23.20	24.48 23.59 22.47 23.45	24.17 22.94 21.21 22.77	24.40 23.30 20.90 22.87	24.30 23.40 21.90 23.20	25.71 24.80 21.67 24.06
10 월 Oct.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	20.30 19.73 19.09 19.71	20.58 18.31 18.13 19.01	21.73 20.48 18.94 20.38	19.39 17.36 16.09 17.61	20.30 17.50 16.18 17.99	20.50 17.90 16.45 18.28	19.57 16.73 15.05 17.12
11 월 Nov.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	16.38 13.73 10.39 13.50	14.43 11.64 8.18 11.42		12.71 10.13 6.11 9.65	13.20 10.50 7.20 10.30	14.00 11.10 8.10 11.07	10.79 8.89 6.63 8.77
12 월 Dec.	상순 1st 중순 2nd 하순 3rd 월평균 Mean	10.48 7.41 8.13 8.67	7.25 5.22 4.89 5.79	11.27 5.04 8.59 8.30	5.73 3.21 3.06 4.00	7.40 4.80 4.64 5.61	8.90 6.10 5.73 6.91	6.37 5.09 4.35 5.27
년 Year	년평균 Mean	15.79	15.45	—	14.04	14.13	14.86	14.26

월	관측점 Station		㉔	㉓	㉒	㉑	㉐	㉏	㉍	
Month	Ten days		자지도 Chajido	우도 Udo	산지 Sanji	서귀포 Sŏgwp'o	마라도 Marado	죽도 Chuk to	소흑산도 Sohŭksando	
1월	상	수	1st	2.70	5.60	6.35	9.63	7.30	3.91	4.90
Jan.	중	수	2nd	2.70	6.70	6.60	8.86	7.00	5.17	5.40
	하	수	3rd	2.45	4.64	6.27	7.55	5.82	4.38	3.82
	월	평	Mean	2.62	5.65	6.41	8.68	6.71	5.15	4.71
2월	상	수	1st	0.50	2.40	4.30	6.97	4.50	1.83	2.70
Feb.	중	수	2nd	0.30	2.80	4.20	6.04	4.80	1.45	2.40
	하	수	3rd	4.78	8.11	7.33	9.60	9.56	5.00	4.89
	월	평	Mean	1.86	4.44	5.28	7.54	6.29	2.76	3.33
3월	상	수	1st	1.80	3.90	5.50	6.27	4.70	3.68	3.40
Mar.	중	수	2nd	6.40	9.60	9.40	9.82	10.20	6.13	7.00
	하	수	3rd	6.64	9.45	9.55	10.69	10.60	7.33	6.45
	월	평	Mean	4.95	7.65	8.15	8.93	8.50	5.71	5.62
4월	상	수	1st	9.20	11.60	11.70	12.12	11.30	8.79	8.40
Apr.	중	수	2nd	11.10	13.10	13.90	13.96	13.30	10.94	11.30
	하	수	3rd	12.60	14.50	15.90	15.62	13.83	11.64	13.20
	월	평	Mean	10.97	13.07	13.83	13.90	12.81	10.46	10.97
5월	상	수	1st	14.20	16.70	17.70	17.13	16.40	11.69	15.50
May	중	수	2nd	15.10	16.00	17.20	17.82	16.50	12.67	15.70
	하	수	3rd	16.00	17.21	18.55	18.25	17.73	13.49	15.45
	월	평	Mean	15.10	16.64	17.82	17.73	16.88	12.62	15.55
6월	상	수	1st	17.80	19.20	20.40	20.61	19.20	15.12	18.80
June	중	수	2nd	20.00	21.20	22.40	21.95	20.70	17.55	20.90
	하	수	3rd	19.00	20.80	22.20	21.57	21.10	18.25	20.50
	월	평	Mean	18.93	20.37	21.67	21.38	20.33	16.97	20.07
7월	상	수	1st	22.10	23.00	24.60	24.19	23.20	19.77	24.20
Jul.	중	수	2nd	24.30	26.50	27.00	27.37	27.30	22.75	26.70
	하	수	3rd	22.36	22.73	26.09	25.45	25.18	22.15	24.45
	월	평	Mean	22.29	24.08	25.90	25.67	25.23	21.56	25.11
8월	상	수	1st	24.40	25.40	27.10	26.40	26.10	23.46	25.90
Aug.	중	수	2nd	25.50	25.50	27.30	26.94	26.10	24.90	27.20
	하	수	3rd	23.55	24.55	26.55	24.60	25.08	23.30	25.44
	월	평	Mean	24.48	25.15	26.98	25.98	25.76	23.89	26.18
9월	상	수	1st	22.50	23.70	25.00	24.22	24.99	22.33	24.00
Sep.	중	수	2nd	21.70	23.00	23.90	23.63	23.84	21.36	21.70
	하	수	3rd	19.30	21.20	22.50	21.49	21.59	20.89	21.40
	월	평	Mean	21.17	22.63	23.80	23.11	23.47	21.53	22.37
10월	상	수	1st	18.20	19.70	21.40	20.55	20.70	19.80	19.30
Oct.	중	수	2nd	16.40	18.90	20.00	19.64	18.00	18.05	17.60
	하	수	3rd	14.82	16.82	19.09	19.75	17.33	15.18	15.91
	월	평	Mean	16.47	18.47	20.16	19.38	18.68	17.68	17.60
11월	상	수	1st	12.40	11.90	16.40	15.48	14.40	13.60	13.40
Nov.	중	수	2nd	9.70	11.40	12.50	14.79	12.70	11.35	11.35
	하	수	3rd	6.70	7.90	8.90	12.66	9.80	8.25	8.40
	월	평	Mean	9.60	10.40	12.60	14.31	12.30	11.07	11.05
12월	상	수	1st	7.80	8.30	9.00	10.88	10.10	8.90	9.00
Dec.	중	수	2nd	4.60	4.70	8.00	9.22	7.30	6.00	6.40
	하	수	3rd	3.64	7.55	8.09	10.71	7.55	5.82	5.45
	월	평	Mean	5.35	6.85	8.36	10.27	8.32	6.91	6.95
년 Year	년평균 Mean		12.82	14.62	15.91	16.41	15.44	13.03	14.13	

월 Month	관측점 Station		㉔ 홍도 Hongdo	㉓ 칠발도 Ch'ilbaldo	㉒ 목포 Mokp'o	㉑ 말도 Maldo	㉐ 군산 Kunsan	㉏ 어청도 Och'ongdo	㉍ 대천 Daech'on
	상 Ten	하 days							
1 월	상	수 1st	3.45	3.40	5.30	1.56	0.24	4.60	1.10
Jan.	중	수 2nd	4.26	5.60	4.91	2.48	0.80	3.43	1.80
	하	수 3rd	2.34	4.18	2.78	0.58	-1.19	0.56	-0.12
	월	평 Mean	3.34	4.39	4.33	1.54	-0.05	2.86	0.93
2 월	상	수 1st	1.08	2.00	0.75	-0.70	-2.68	-0.18	-0.92
Feb.	중	수 2nd	1.76	2.80	1.00	0.44	-1.25	0.82	0.13
	하	수 3rd	3.91	6.22	5.22	3.86	4.58	4.24	4.61
	월	평 Mean	2.25	3.67	2.32	1.20	0.22	1.63	1.27
3 월	상	수 1st	2.43	5.10	2.54	2.41	2.25	1.36	1.89
Mar.	중	수 2nd	5.77	6.70	6.37	4.60	6.24	4.98	5.50
	하	수 3rd	5.90	9.64	6.48	6.50	8.76	5.50	6.79
	월	평 Mean	4.70	7.15	5.13	4.50	5.75	3.95	4.73
4 월	상	수 1st	6.97	11.20	10.52	8.34	8.34	8.62	8.78
Apr.	중	수 2nd	11.39	10.60	11.66	11.13	12.42	9.24	9.78
	하	수 3rd	12.57	11.50	12.69	13.08	15.35	10.50	11.74
	월	평 Mean	10.31	11.10	11.62	10.85	12.04	9.45	10.10
5 월	상	수 1st	12.91	14.70	14.97	14.25	16.62	12.20	14.49
May	중	수 2nd	15.16	15.30	14.78	16.64	18.13	15.40	17.19
	하	수 3rd	14.99	17.09	19.30	17.96	21.59	15.55	18.90
	월	평 Mean	14.35	15.70	16.35	16.28	18.78	14.38	16.86
6 월	상	수 1st	17.02	17.60	18.51	18.34	19.59	17.72	18.50
June	중	수 2nd	20.73	18.90	23.34	20.75	23.02	18.96	19.57
	하	수 3rd	19.66	20.10	21.89	22.23	24.78	20.50	22.78
	월	평 Mean	19.14	18.87	20.91	20.44	22.46	19.06	20.28
7 월	상	수 1st	23.37	21.20	24.64	22.98	25.22	21.96	23.65
Jul.	중	수 2nd	24.75	23.90	28.76	25.26	27.81	24.30	26.83
	하	수 3rd	22.99	23.09	25.47	24.26	24.47	25.24	26.09
	월	평 Mean	23.70	22.73	26.29	24.17	25.83	23.83	25.52
8 월	상	수 1st	25.01	25.80	27.82	27.59	27.89	26.60	27.84
Aug.	중	수 2nd	25.90	26.00	28.04	27.05	28.91	26.90	28.63
	하	수 3rd	24.25	23.91	24.76	25.40	25.32	24.44	26.74
	월	평 Mean	25.05	25.24	26.87	26.68	27.37	25.98	27.74
9 월	상	수 1st	22.90	23.40	24.46	24.06	24.46	22.98	25.76
Sep.	중	수 2nd	22.07	22.50	25.37	23.12	23.26	22.65	23.85
	하	수 3rd	20.28	21.40	22.35	21.27	20.85	20.40	22.73
	월	평 Mean	21.75	22.43	24.06	22.81	22.86	22.01	24.11
10 월	상	수 1st	18.19	20.10	18.79	19.86	20.66	20.80	21.60
Oct.	중	수 2nd	16.68	17.80	18.26	18.16	17.20	17.50	17.24
	하	수 3rd	14.74	16.45	16.44	15.98	14.41	15.52	16.19
	월	평 Mean	16.54	18.12	17.83	18.00	17.42	17.94	18.34
11 월	상	수 1st	12.16	13.90	12.46	13.42	11.52	10.63	13.87
Nov.	중	수 2nd	10.40	10.90	8.11	10.07	8.39	9.49	10.31
	하	수 3rd	7.10	7.30	7.14	7.15	4.12	5.46	7.20
	월	평 Mean	9.89	10.60	9.24	10.21	8.01	8.53	10.46
12 월	상	수 1st	8.14	7.80	7.10	7.96	4.33	6.59	6.59
Dec.	중	수 2nd	4.56	5.00	5.27	4.54	1.33	4.06	3.96
	하	수 3rd	4.00	4.45	4.17	2.52	0.45	1.90	3.15
	월	평 Mean	5.57	5.75	5.51	5.01	2.04	4.18	4.57
년 Year	년	평 Mean	13.05	13.81	14.21	13.47	13.56	12.82	13.74

월	관측점 Station		㉔	㉕	㉖	㉗	㉘	㉙
Month	Ten days		격열비도 Kyoŋgyōlbido	목덕도 Moktōkto	부도 Pudo	선미도 Sōnmido	월미도 Wolmido	소청도 Soch'ōngdo
1 월	상	수 1st	0.53	0.00	-0.30	-2.40	-3.14	-0.30
	중	수 2nd	2.36	1.90	0.90	-0.40	-0.52	1.90
Jan.	하	수 3rd	-1.17	-1.91	-2.36	-4.18	-3.45	-2.18
	월	수 평균	0.57	0.00	-0.59	-2.33	-2.37	-0.19
2 월	상	수 1st	-2.05	-2.50	-2.90	-5.10	-4.81	-3.00
	중	수 2nd	-1.10	-2.00	-2.20	-3.80	-4.30	-2.50
Feb.	하	수 3rd	1.94	1.44	2.56	0.33	3.37	0.22
	월	수 평균	-0.40	-1.02	-0.85	-2.86	-1.91	-1.76
3 월	상	수 1st	0.69	0.70	1.20	-0.70	0.09	-0.50
	중	수 2nd	3.02	2.80	3.30	2.20	3.41	2.30
Mar.	하	수 3rd	4.20	4.18	5.73	4.00	6.82	5.09
	월	수 평균	2.64	2.56	3.41	1.83	3.44	2.30
4 월	상	수 1st	6.32	5.40	7.00	7.20	8.24	6.20
	중	수 2nd	8.21	6.90	9.10	9.10	9.70	6.90
Apr.	하	수 3rd	9.36	8.50	10.40	10.00	11.15	8.40
	월	수 평균	7.96	6.93	8.83	8.77	9.70	7.17
5 월	상	수 1st	11.21	10.80	12.90	13.30	14.98	11.70
	중	수 2nd	13.79	12.60	15.20	16.90	17.76	12.30
May	하	수 3rd	15.77	14.27	16.00	16.09	18.01	14.36
	월	수 평균	13.59	12.56	14.70	15.43	16.92	12.79
6 월	상	수 1st	16.36	15.05	17.10	17.00	17.91	15.80
	중	수 2nd	19.67	16.50	19.20	18.70	20.16	17.90
June	하	수 3rd	20.77	19.20	22.20	20.80	23.79	22.00
	월	수 평균	18.93	16.92	19.50	18.83	20.62	18.57
7 월	상	수 1st	21.47	19.80	22.00	20.60	22.73	20.40
	중	수 2nd	23.69	22.60	22.20	22.40	23.67	21.80
Jul.	하	수 3rd	22.32	21.36	21.91	21.64	24.28	21.18
	월	수 평균	22.49	21.25	22.04	21.55	23.56	21.13
8 월	상	수 1st	25.12	24.30	26.40	27.01	26.67	24.90
	중	수 2nd	25.89	24.60	26.70	25.89	28.96	25.30
Aug.	하	수 3rd	22.90	21.00	24.00	23.05	22.78	21.64
	월	수 평균	24.64	23.30	25.70	25.32	26.14	23.95
9 월	상	수 1st	22.98	23.30	23.50	22.84	24.26	22.70
	중	수 2nd	21.93	22.10	21.60	21.28	23.70	21.20
Sep.	하	수 3rd	20.01	21.20	20.60	18.83	20.02	19.00
	월	수 평균	21.64	22.20	21.90	20.98	22.66	20.97
10 월	상	수 1st	18.47	20.50	18.30	21.16	18.19	18.10
	중	수 2nd	16.24	17.90	16.80	19.84	15.77	15.30
Oct.	하	수 3rd	14.41	15.37	14.82	18.40	13.78	13.36
	월	수 평균	16.37	17.89	16.64	15.64	15.91	15.59
11 월	상	수 1st	11.95	11.40	11.40	11.72	10.14	10.80
	중	수 2nd	9.36	8.60	8.90	7.49	4.80	7.30
Nov.	하	수 3rd	5.27	4.30	4.30	2.34	1.67	3.70
	월	수 평균	8.86	8.10	8.20	7.18	5.94	7.27
12 월	상	수 1st	5.47	5.40	4.80	3.94	6.46	5.10
	중	수 2nd	2.61	3.50	2.10	0.63	3.11	2.10
Dec.	하	수 3rd	1.45	1.00	0.18	-0.67	4.27	0.36
	월	수 평균	3.18	3.30	2.36	1.30	4.61	2.52
년 Year	년평균 Mean		11.71	11.17	11.82	10.97	12.07	10.86

第二編

定線海洋觀測成績

(水溫, 鹽分, 酸素 及 氣象觀測資料)

PART 2

SERIAL OCEANOGRAPHIC DATA

(Temperature, Salinity, Oxygen and Meteorological Data)

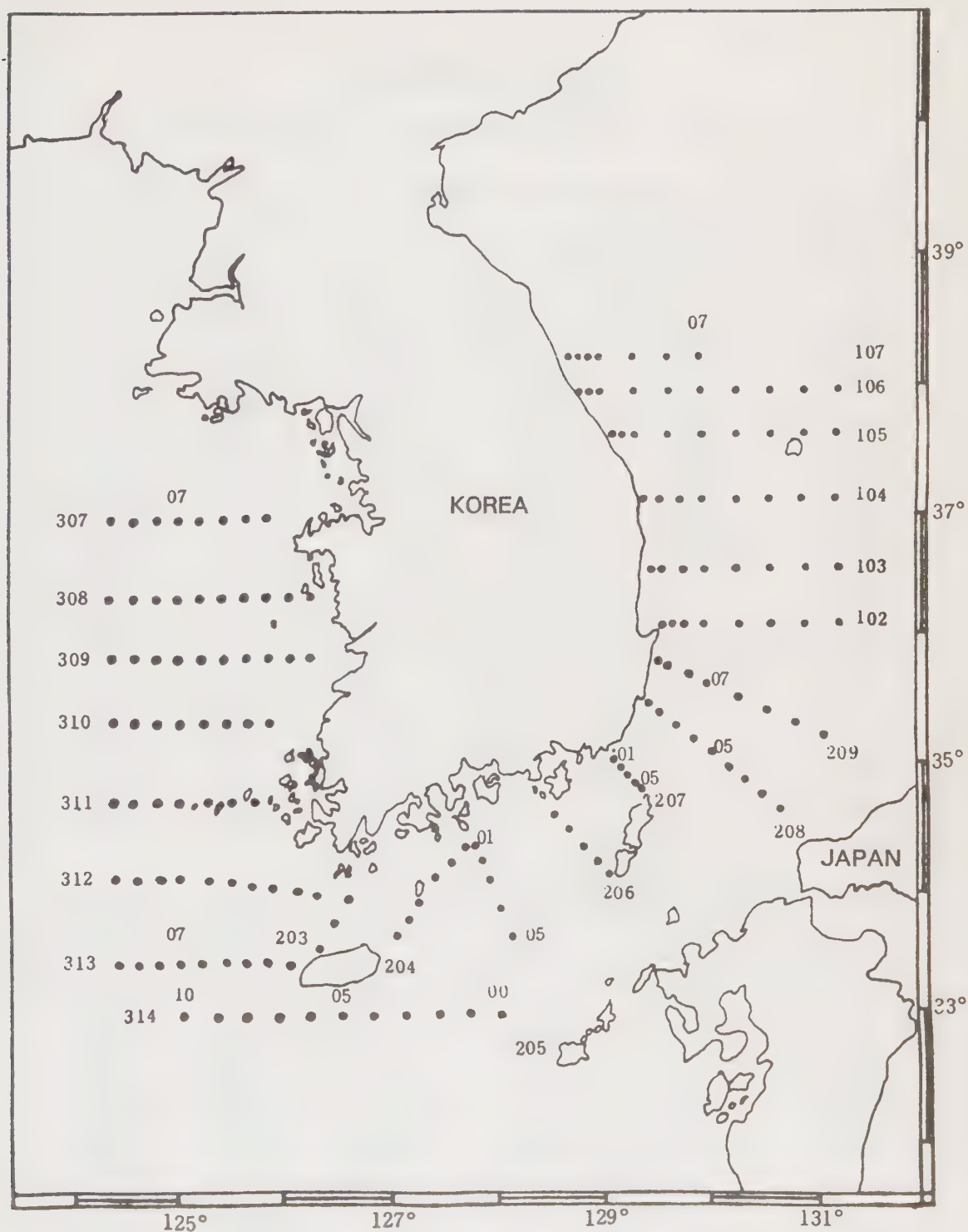
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定線海洋觀測點位置圖

Location of the serial oceanographic stations.

定線海洋觀測點位置表

Position of the serial oceanographic stations

St.No. Line	00	01	02	03	04	05
107		38° 12.6' 128° 37.4'	38° 12.6' 128° 42.7'	38° 12.6' 128° 50.6'	38° 12.6' 129° 03.5'	38° 12.6' 129° 22.3'
106			37° 53.7' 128° 52.5'	37° 53.7' 128° 57.2'	37° 53.7' 129° 03.8'	37° 53.7' 129° 22.1'
105				37° 33.2' 129° 10.3'	37° 33.2' 129° 15.5'	37° 33.2' 129° 22.6'
104					37° 03.4' 129° 28.8'	37° 03.4' 129° 33.6'
103					36° 30.3' 129° 30.1'	36° 30.3' 129° 35.4'
102					36° 04.6' 129° 36.9'	36° 04.6' 129° 41.3'
209					35° 47.3' 129° 32.8'	35° 45.4' 129° 38.4'
208		35° 28.5' 129° 27.3'	35° 24.3' 129° 33.8'	35° 17.8' 129° 42.9'	35° 11.1' 129° 52.7'	35° 04.8' 130° 02.0'
207		35° 01.3' 129° 07.2'	34° 57.6' 129° 11.2'	34° 53.9' 129° 15.4'	34° 50.2' 129° 19.5'	34° 48.0' 129° 21.8'
206		34° 35.5' 128° 34.5'	34° 29.6' 128° 41.2'	34° 22.4' 128° 49.7'	34° 15.3' 128° 58.0'	34° 08.1' 129° 06.3'
205		34° 22.3' 127° 48.5'	34° 15.0' 127° 52.1'	34° 05.5' 127° 56.9'	33° 51.5' 128° 03.0'	33° 37.3' 128° 09.2'
204		34° 20.8' 127° 43.9'	34° 13.7' 127° 35.4'	34° 06.7' 127° 26.8'	33° 54.1' 127° 15.2'	33° 45.5' 127° 09.2'
203		33° 56.6' 126° 31.4'	33° 47.5' 126° 26.3'	33° 38.3' 126° 21.3'		
314	33° 00.0' 128° 00.0'	33° 00.0' 127° 42.0'	33° 00.0' 127° 24.0'	33° 00.0' 127° 06.0'	33° 00.0' 126° 48.0'	33° 00.0' 126° 30.0'
313			33° 24.4' 126° 00.0'	33° 24.4' 125° 48.0'	33° 24.4' 125° 36.0'	33° 24.4' 125° 24.0'
312			33° 58.5' 126° 06.0'	33° 59.8' 125° 54.0'	34° 01.3' 125° 42.0'	34° 02.6' 125° 30.0'
311					34° 43.0' 125° 43.9'	34° 43.0' 125° 31.9'
310				35° 20.1' 125° 49.3'	35° 20.1' 125° 36.5'	35° 20.1' 125° 24.4'
309		35° 51.3' 126° 14.7'	35° 51.3' 126° 02.0'	35° 51.3' 125° 49.3'	35° 51.3' 125° 37.0'	35° 51.3' 125° 24.4'
308		36° 19.8' 126° 14.4'	36° 19.8' 126° 02.3'	36° 19.8' 125° 50.0'	36° 19.8' 125° 37.0'	36° 19.8' 125° 25.3'
307				36° 56.5' 126° 00.0'	36° 55.5' 125° 37.7'	36° 55.5' 125° 25.0'

06	07	08	09	10	11
38° 12.6'	38° 12.6'				
129° 41.1'	130° 00.0'				
37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'
129° 41.3'	130° 00.0'	130° 18.9'	130° 37.7'	130° 56.5'	131° 15.1'
37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'
129° 41.3'	130° 00.0'	130° 18.7'	130° 37.5'	130° 55.9'	131° 14.6'
37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'
129° 47.6'	130° 00.0'	130° 18.7'	130° 37.6'	130° 56.4'	131° 15.3'
36° 30.3'	36° 30.3'	36° 30.3'	36° 30.6'	36° 30.3'	36° 30.3'
129° 47.3'	130° 00.0'	130° 18.6'	130° 37.3'	130° 55.6'	131° 14.0'
36° 04.6'	36° 04.6'	36° 04.6'	36° 04.6'	36° 04.6'	36° 04.6'
129° 47.8'	130° 00.0'	130° 18.4'	130° 36.9'	130° 55.1'	131° 13.6'
35° 41.3'	35° 36.8'	35° 30.8'	35° 24.4'	35° 17.8'	35° 11.4'
129° 49.0'	130° 00.3'	130° 16.9'	130° 33.5'	130° 50.0'	131° 06.6'
34° 58.2'	34° 52.0'	34° 45.3'	34° 38.9'		
130° 11.9'	130° 20.9'	130° 30.6'	130° 40.5'		
33° 23.8'	33° 09.7'	32° 55.9'			
128° 14.3'	128° 21.3'	128° 27.0'			
33° 35.8'					
127° 03.2'					
33° 00.0'	33° 00.0'	33° 00.0'	33° 00.0'	33° 00.0'	
126° 12.0'	125° 54.0'	125° 36.0'	125° 18.0'	125° 00.0'	
33° 24.4'	33° 24.4'	33° 24.4'	33° 24.4'	33° 24.4'	
125° 12.0'	125° 00.0'	124° 48.0'	124° 36.0'	124° 24.0'	
34° 04.1'	34° 05.5'	34° 05.5'	34° 05.5'	34° 05.5'	
125° 18.0'	125° 00.0'	124° 48.0'	124° 36.0'	124° 24.0'	
34° 43.0'	34° 43.0'	34° 43.0'	34° 43.0'	34° 43.0'	
125° 19.4'	125° 00.0'	124° 47.9'	124° 35.8'	124° 23.4'	
35° 20.1'	35° 20.1'	35° 20.1'	35° 20.1'	35° 20.1'	
125° 12.1'	125° 00.0'	124° 47.9'	124° 35.6'	124° 23.5'	
35° 51.3'	35° 51.3'	35° 51.3'	35° 51.3'	35° 51.3'	
125° 12.3'	125° 00.0'	124° 47.8'	124° 35.1'	124° 22.8'	
36° 19.8'	36° 19.8'	36° 19.8'	36° 19.8'	36° 19.8'	
125° 12.4'	125° 00.0'	124° 47.5'	124° 35.1'	124° 23.0'	
36° 55.5'	36° 55.5'	36° 55.5'	36° 55.5'	36° 55.5'	
125° 12.5'	125° 00.0'	124° 47.5'	124° 34.8'	124° 22.3'	

St.No. Line	12	13	14	15	16	17
107						
106	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	37° 53.7'	
	131° 34.7'	131° 53.0'	132° 12.2'	132° 30.9'	132° 49.6'	
105	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	37° 33.2'	
	131° 33.8'	131° 52.2'	132° 11.2'	132° 29.8'	132° 48.4'	
104	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	37° 03.4'	
	131° 33.8'	131° 52.6'	132° 11.6'	132° 29.5'	132° 47.6'	
103						
102						
209						
208						
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203						
314						
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307						

凡 例

○ 定線海洋觀測資料

表 題(表面 環境 情報)

位 置 : 韓國 定線海洋觀測點 番號

緯 度 : 北緯 度數와 分, 1/10分 表示

36-30.5 N → 36° 30' 30" N

經 度 : 東經 度數와 分, 1/10分 표시

日 字 : 大韓民國 標準時에 의거한 年, 月, 日

時 刻 : 東經 135°의 子午線을 基準한 大韓民國 標準時

水 深 : 底層까지의 總깊이(m)

水 色 : Forel 水色標準液의 水色番號(1~11)

透明度 : 直徑 30cm의 白色 透明度板에 依한 測定(m)

波 浪 : 方向은 16方位(磁針方位)

階級은 10階級法(0~9)으로 表示

너 울 : 方向은 波浪과 同一, 階級은 4階級法(0~3)으로 表示

바 람 : 方向은 16方位(磁針方位)

階級은 Beaufort 風力階級으로 表示

氣 壓 : Aneroid 氣壓計에 의해 mb로 表示

氣 溫 : 乾球溫度를 °C로 表示

天 氣 : 天氣는 現在狀態를 아래와 같이 表示

快晴(B) : 雲量 0~2, 개임(Bc) : 雲量 3~7

흐림(C) : 雲量 8~10, 비(R), 안개(F), 눈(S)

구 름 : 雲形은 10種 雲形法으로 觀測

雲量은 天空의 10等分法에 依하여 目測

觀 測(表面下 觀測)

水 深 : 資料 採集 水深(m)

水 溫 : 轉倒溫度計로 測定하여 1/100°C까지 表示

鹽 分 : 電氣傳導度 鹽分計로 測定하고 千分率(‰)로 表示

酸 素 : 윈클러方法의 나카이(中井) 改良方法으로 測定하고 ml/l 로 表示

補 插 法

水 深 : 標準層의 水深(m)

水溫, 鹽分, 酸素 : 觀測資料를 標準層에 一致

計 算

密 度 : g/l 로 表示

D - T : Thermosteric anomaly $10^{-5}cm^3/g$

S V A : 現場比容 anomaly $10^{-5}cm^3/g$

D-DY : 力學深度 anomaly

EXPLANATION

SERIAL OCEANOGRAPHIC STATION DATA

Heading(Surface environmental information)

STATION	: Korean serial oceanographic stations No.
LATITUDE	: Given in degrees, minutes and tenths of minutes with hemisphere indicated by N.
LONGITUDE	: Given in degrees, minutes and tenths of minutes with hemisphere indicated by E.
DATE	: Given in month and day as determined by KST.
TIME	: Time of the beginning of observation given in hour and minuteby KST referred to the meridian of 135° E.
DEPTH	: Depth to bottom given in whole meters.
COLOR	: Water color given according to Forel scale (1~11).
TRANS	: Transparency givin in whole meters as determined by Secchi disc.
WAVE DIR/S	: Direction of waves given in 16 point scale of the compass bearing, from which dominant waves are coming, and sea state(S) according to WMO code 3700 (scale 0~9).
SWELL DIR/S	: Direction of swell given in 16 point scale of the compass bearing, from which dominant waves are coming, and sea state(S) according to scale 0~3.
WIND DIR/F	: Direction of wind given in 16 point scale of the compass bearing, from which wind is blowing, and wind force(F) in Beaufort scale.
BARO	: Barometric pressure give in millibars.
AIR TEMP DRY	: Dry—bulb temperature give in degrees celsius.

WEATHER : Recorded in present weather:
the abbreviations and the cloud cover are as follows:
B : 0~2, BC : 3~7, C : 8~10,
R : Rain, F : Fog, S : Snow.

CLOUD T : Cloud type recorded in ten of the cloud.
A : Cloud amount recorded in tenths of whole sky covered.

Observed(Subsurface observations)

DEPTH : Depth of sample given in whole meters.

TEMPERATURE : Temperature given in degrees celsius.

SALINITY : Salinity given in parts per thousand as determined
by the inductive salinometer.

O₂ : Dissolved Oxygen given in milliliters per liter as determined
by the Nakai modification of the Winkler method.

Interpolated

DEPTH : Standard depths(IAPSO equivalent) given in whole meters.

TEMP, SAL, O₂ : Corresponding to the explanation of observed data.

Calculated

SIGMA-T : Given in grams per liter.

D-T : Thermosteric anomaly(D-T) given in $10^{-5}\text{cm}^3/\text{g}$.

SVA : Specific volume anomaly(SVA) given in $10^{-5}\text{cm}^3/\text{g}$.

D-DY : Dynamic depth anomaly(D-DY) given in dynamic meters.

東海海洋調查成績

OCEANOGRAPHIC DATA : EASTERN WATERS

1988

107 線 海洋觀測 成績 Oceanographic Data. Line 107

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

3 月(March)

GYUNGBUG 853 , STATION 107-01 , 38-12.6. N, 128-37.4. E, MAR. 5.1988, 10:05 KST,
 DEPTH 90 , COLOR 4, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1021. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	8.64	34.241	6.09	0	8.64	34.241	6.09	26.60	144	144	0.0000
10	8.73	34.251	6.21	10	8.73	34.251	6.21	26.59	145	145	0.0144
20	8.68	34.227	6.42	20	8.68	34.227	6.42	26.58	146	146	0.0290
30	8.66	34.164	6.42	30	8.66	34.164	6.42	26.53	150	151	0.0439
50	7.83	34.161	6.85	50	7.83	34.161	6.85	26.66	139	139	0.0730
75	3.33	34.133	6.75	75	3.33	34.133	6.75	27.18	089	089	0.1016
88	1.83	34.125	6.53								

GYUNGBUG 853 , STATION 107-02 , 38-12.6. N, 128-42.7. E, MAR. 5.1988, 10:45 KST,
 DEPTH 855 , COLOR 4, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1021.5,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	8.63	34.236	6.32	0	8.63	34.236	6.32	26.59	145	144	0.0000
10	8.71	34.270	6.32	10	8.71	34.270	6.32	26.61	143	143	0.0144
20	8.71	34.274	6.41	20	8.71	34.274	6.41	26.61	143	143	0.0287
30	8.70	34.293	6.63	30	8.70	34.293	6.63	26.63	141	142	0.0430
50	5.83	34.229	6.84	50	5.83	34.229	6.84	26.98	108	108	0.0681
75	2.83	34.124	6.71	75	2.83	34.124	6.71	27.22	085	085	0.0924
92	1.84	34.177	6.54	100	1.73	34.170	6.49	27.34	073	073	0.1124
124	1.42	34.149	6.34	125	1.40	34.147	6.32	27.35	073	073	0.1308
144	1.05	34.111	6.01	150	0.98	34.109	5.99	27.35	073	073	0.1491
188	0.60	34.103	5.89	200	0.58	34.101	5.86	27.37	071	071	0.1854
239	0.52	34.095	5.79	250	0.51	34.086	5.79	27.36	072	072	0.2213
289	0.49	34.055	5.80	300	0.47	34.055	5.77	27.34	074	074	0.2580
386	0.36	34.063	5.59	400	0.35	34.058	5.57	27.34	073	073	0.3319
484	0.34	34.032	5.49								

GYUNGBUG 853 , STATION 107-03 , 38-12.6. N, 128-50.6. E, MAR. 5.1988, 11:45 KST,
 DEPTH 1120 , COLOR 4, TRANS. 13.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1026. ,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	8.63	34.228	6.21	0	8.63	34.228	6.21	26.59	145	145	0.0000
10	8.69	34.188	6.42	10	8.69	34.188	6.42	26.55	149	149	0.0147
20	8.62	34.223	6.21	20	8.62	34.223	6.21	26.59	145	145	0.0294
30	8.19	34.228	6.43	30	8.19	34.228	6.43	26.66	139	139	0.0437

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	6.83	34.196	6.44	50	6.83	34.196	6.44	26.83	123	123	0.0700
75	3.24	34.141	6.35	75	3.24	34.141	6.35	27.19	088	088	0.0965
105	2.12	34.279	6.23	100	2.30	34.256	6.25	27.37	071	071	0.1165
122	1.05	34.259	6.11	125	1.05	34.237	6.05	27.45	064	064	0.1335
143	1.05	34.105	5.74	150	0.99	34.118	5.74	27.35	072	072	0.1506
185	0.72	34.183	5.74	200	0.66	34.150	5.68	27.40	068	068	0.1859
225	0.57	34.097	5.59	250	0.50	34.087	5.53	27.36	072	072	0.2210
272	0.44	34.080	5.49	300	0.41	34.071	5.48	27.35	073	072	0.2573
362	0.37	34.052	5.48	400	0.37	34.039	5.43	27.33	075	074	0.3311
450	0.37	34.024	5.37								

GYUNGBUG 853 , STATION 107-04 , 38-12.6. N, 129-03.5. E, MAR. 5.1988, 13:10 KST,
 DEPTH 1296 , COLOR 4, TRANS. 13.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1025.5,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	8.33	34.283	6.00	0	8.33	34.283	6.00	26.68	137	136	0.0000
10	8.33	34.258	6.24	10	8.33	34.258	6.24	26.66	139	138	0.0137
20	8.20	34.261	6.11	20	8.20	34.261	6.11	26.68	136	136	0.0275
30	8.19	34.277	6.21	30	8.19	34.277	6.21	26.69	135	135	0.0412
50	7.28	34.223	6.11	50	7.28	34.223	6.11	26.78	126	127	0.0675
75	3.56	34.102	6.00	75	3.56	34.102	6.00	27.13	093	094	0.0952
89	2.20	34.069	6.11	100	2.00	34.076	6.01	27.25	082	083	0.1173
114	1.76	34.085	5.89	125	1.51	34.086	5.80	27.29	078	078	0.1376
140	1.17	34.089	5.69	150	1.10	34.088	5.70	27.32	075	075	0.1569
192	0.82	34.086	5.79	200	0.79	34.084	5.77	27.34	074	074	0.1944
245	0.65	34.077	5.66	250	0.63	34.073	5.63	27.34	074	074	0.2314
298	0.53	34.045	5.36	300	0.52	34.045	5.36	27.32	075	075	0.2688
393	0.43	34.056	5.47	400	0.42	34.054	5.46	27.34	074	074	0.3436
489	0.34	34.033	5.36								

GYUNGBUG 853 , STATION 107-05 , 38-12.6. N, 129-22.3. E, MAR. 5.1988, 15:10 KST,
 DEPTH 1080 , COLOR 4, TRANS. 13.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1025.5,
 AIR TEMP. DRY 5.8, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	9.29	34.259	6.13	0	9.29	34.259	6.13	26.51	153	152	0.0000
10	9.35	34.259	6.32	10	9.35	34.259	6.32	26.50	154	154	0.0153
20	9.27	34.274	6.34	20	9.27	34.274	6.34	26.52	151	151	0.0306
30	9.24	34.254	6.53	30	9.24	34.254	6.53	26.51	152	153	0.0459
50	9.18	34.263	6.53	50	9.18	34.263	6.53	26.53	151	151	0.0764
75	9.14	34.271	6.43	75	9.14	34.271	6.43	26.54	150	151	0.1143
99	8.12	34.220	6.21	100	7.95	34.217	6.20	26.68	136	138	0.1505
125	3.87	34.142	6.00	125	3.87	34.142	6.00	27.13	093	094	0.1795
150	2.00	34.086	5.91	150	2.00	34.086	5.91	27.26	082	082	0.2016

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
201	0.91	34.086	5.79	200	0.93	34.086	5.79	27.33	075	074	0.2410
246	0.71	34.065	5.80	250	0.69	34.062	5.79	27.33	075	075	0.2785
291	0.53	34.041	5.79	300	0.51	34.042	5.75	27.32	075	075	0.3162
382	0.42	34.058	5.47	400	0.41	34.054	5.43	27.34	074	074	0.3911
487	0.38	34.037	5.26								

GYUNGBUG 853 , STATION 107-06 , 38-12.6. N, 129-41.1. E, MAR. 5.1988, 17:10 KST,
 DEPTH 882 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1025.5,
 AIR TEMP. DRY 5.8, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	10.02	34.226	6.11	0	10.02	34.226	6.11	26.36	167	166	0.0000
10	10.11	34.239	6.42	10	10.11	34.239	6.42	26.35	167	167	0.0167
20	10.08	34.227	6.42	20	10.08	34.227	6.42	26.35	168	168	0.0335
30	10.05	34.237	6.53	30	10.05	34.237	6.53	26.36	166	167	0.0503
50	9.71	34.242	6.32	50	9.71	34.242	6.32	26.42	161	161	0.0832
75	9.68	34.275	6.32	75	9.68	34.275	6.32	26.46	158	159	0.1233
99	9.67	34.236	6.11	100	9.62	34.234	6.11	26.43	160	162	0.1635
123	8.57	34.188	6.11	125	8.51	34.187	6.10	26.57	146	148	0.2024
147	7.87	34.182	6.02	150	7.64	34.178	6.01	26.70	135	137	0.2381
197	4.10	34.117	6.00	200	3.96	34.114	5.98	27.10	096	098	0.2970
246	1.89	34.083	5.79	250	1.82	34.082	5.78	27.27	081	081	0.3420
295	1.06	34.077	5.67	300	1.03	34.074	5.66	27.32	076	076	0.3815
374	0.66	34.045	5.56	400	0.59	34.038	5.52	27.31	076	076	0.4581
449	0.47	34.027	5.47								

GYUNGBUG 853 , STATION 107-07 , 38-12.6. N, 130-00.0. E, MAR. 5.1988, 19:10 KST,
 DEPTH 846 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1025. ,
 AIR TEMP. DRY 5.7, WET , CLOUD. TYPE CI, AMT 09, WEATHER C

0	9.74	34.243	6.21	0	9.74	34.243	6.21	26.42	161	161	0.0000
10	9.78	34.220	6.42	10	9.78	34.220	6.42	26.40	163	163	0.0162
20	9.80	34.239	6.63	20	9.80	34.239	6.63	26.41	162	162	0.0325
30	9.77	34.216	6.63	30	9.77	34.216	6.63	26.39	164	164	0.0489
50	9.74	34.219	6.42	50	9.74	34.219	6.42	26.40	163	164	0.0817
75	9.70	34.224	6.23	75	9.70	34.224	6.23	26.41	162	163	0.1227
96	9.58	34.185	6.00	100	9.57	34.185	6.02	26.40	163	164	0.1637
117	9.57	34.190	6.11	125	9.56	34.180	6.07	26.40	163	165	0.2050
141	9.56	34.162	6.00	150	9.55	34.150	5.98	26.38	165	168	0.2467
192	9.53	34.099	5.91	200	9.32	34.094	5.90	26.37	165	169	0.3311
243	8.20	34.071	5.89	250	7.43	34.073	5.87	26.64	140	143	0.4095
294	2.65	34.089	5.79	300	2.52	34.088	5.77	27.22	085	087	0.4672
390	0.67	34.078	5.47	400	0.65	34.073	5.47	27.34	074	074	0.5480
482	0.55	34.039	5.47								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月 (April)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, APR.16.1988, 15:00 KST,
 DEPTH 90 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1016.5,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE , AMT 08, WEATHER C

0	13.03	34.593	6.51	0	13.03	34.593	6.51	26.09	193	192	0.0000
10	12.13	34.557	6.62	10	12.13	34.557	6.62	26.23	179	179	0.0186
20	12.43	34.468	6.50	20	12.43	34.468	6.50	26.11	191	191	0.0371
30	7.61	34.274	6.29	30	7.61	34.274	6.29	26.78	127	127	0.0530
50	7.57	34.122	6.40	50	7.57	34.122	6.40	26.66	138	138	0.0797
75	2.35	34.080	6.31	75	2.35	34.080	6.31	27.22	085	085	0.1077

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, APR.15.1988, 15:30 KST,
 DEPTH 855 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1016.5,
 AIR TEMP. DRY 17.6, WET , CLOUD. TYPE , AMT 08, WEATHER C

0	12.57	34.556	6.40	0	12.57	34.556	6.40	26.15	187	187	0.0000
10	12.09	34.556	6.61	10	12.09	34.556	6.61	26.24	178	178	0.0182
20	12.05	34.556	6.39	20	12.05	34.556	6.39	26.25	177	177	0.0360
30	10.69	34.546	6.29	30	10.69	34.546	6.29	26.49	154	155	0.0527
50	6.62	34.538	6.08	50	6.62	34.538	6.08	27.12	094	095	0.0777
75	3.05	34.232	6.20	75	3.05	34.232	6.20	27.23	079	079	0.0996
100	2.33	34.001	6.51	100	2.33	34.001	6.51	27.16	091	091	0.1210
122	2.23	33.998	6.52	125	2.12	33.998	6.50	27.18	089	089	0.1436
150	1.28	33.998	6.41	150	1.28	33.998	6.41	27.24	083	083	0.1653
200	0.87	34.001	6.10	200	0.87	34.001	6.10	27.27	081	080	0.2066
243	0.50	34.002	5.98	250	0.48	34.003	5.93	27.29	078	078	0.2464
290	0.41	34.012	5.66	300	0.39	34.011	5.63	27.30	077	077	0.2853
395	0.29	34.002	5.35	400	0.29	34.002	5.35	27.30	077	077	0.3626
485	0.29	34.012	5.45								

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, APR.16.1988, 16:20 KST,
 DEPTH 1120 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1016.5,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	13.10	34.558	6.50	0	13.10	34.558	6.50	26.04	197	196	0.0000
10	12.62	34.546	6.50	10	12.62	34.546	6.50	26.13	189	188	0.0192
20	12.32	34.544	6.39	20	12.32	34.544	6.39	26.19	183	183	0.0379
30	12.13	34.541	6.08	30	12.13	34.541	6.08	26.22	180	180	0.0561
50	8.09	34.295	6.29	50	8.09	34.295	6.29	26.72	132	133	0.0875

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	3.95	34.021	6.31	75	3.95	34.021	6.31	27.03	103	103	0.1172
102	2.71	34.015	6.52	100	2.80	34.015	6.50	27.13	093	094	0.1419
124	2.64	33.990	6.43	125	2.61	33.990	6.42	27.13	094	094	0.1655
142	2.14	33.990	6.32	150	2.01	33.991	6.28	27.18	089	089	0.1885
188	1.40	33.998	6.11	200	1.31	34.001	6.08	27.24	083	083	0.2319
234	1.09	34.013	6.00	250	0.99	34.028	5.92	27.28	079	079	0.2728
280	0.82	34.057	5.77	300	0.78	34.049	5.72	27.31	076	076	0.3120
379	0.66	34.022	5.56	400	0.63	34.019	5.51	27.30	078	078	0.3895
477	0.52	34.008	5.35								

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, APR.15.1988, 17:35 KST,
 DEPTH 1296 , COLOR 3, TRANS. 11.0, WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1016.5,
 ATR TEMP. DRY 16.5, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	13.23	34.560	6.40	0	13.23	34.560	6.40	26.02	199	199	0.0000
10	13.27	34.556	6.29	10	13.27	34.556	6.29	26.01	200	200	0.0199
20	12.91	34.538	6.29	20	12.91	34.538	6.29	26.07	195	195	0.0397
30	12.32	34.523	6.07	30	12.32	34.523	6.07	26.17	185	185	0.0588
50	10.68	34.413	6.07	50	10.68	34.413	6.07	26.39	164	165	0.0938
75	5.58	34.183	6.30	75	5.58	34.183	6.30	26.98	108	109	0.1282
100	2.97	34.039	6.32	100	2.97	34.039	6.32	27.14	093	093	0.1535
124	2.91	34.027	6.31	125	2.88	34.026	6.30	27.14	093	094	0.1770
146	2.30	34.021	6.21	150	2.22	34.021	6.20	27.19	088	089	0.1999
196	1.39	34.031	6.09	200	1.34	34.030	6.07	27.26	081	081	0.2426
245	0.79	34.023	5.87	250	0.78	34.019	5.85	27.29	079	079	0.2829
287	0.75	33.996	5.77	300	0.73	33.997	5.74	27.27	080	080	0.3227
379	0.61	34.007	5.57	400	0.58	34.005	5.56	27.29	079	078	0.4024
461	0.51	34.000	5.56								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, APR.17.1988, 13:50 KST,
 DEPTH 1080 , COLOR 3, TRANS. 11.0, WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1010. ,
 ATR TEMP. DRY 19.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.82	34.508	6.20	0	13.82	34.508	6.20	25.86	214	214	0.0000
10	13.18	34.502	6.28	10	13.18	34.502	6.28	25.99	202	202	0.0208
20	12.93	34.494	5.98	20	12.93	34.494	5.98	26.03	198	198	0.0409
30	12.75	34.490	5.77	30	12.75	34.490	5.77	26.06	195	196	0.0606
50	12.38	34.476	5.87	50	12.38	34.476	5.87	26.12	189	190	0.0993
75	10.00	34.339	5.66	75	10.00	34.339	5.66	26.45	158	159	0.1431
99	8.67	34.230	5.56	100	8.66	34.229	5.55	26.58	146	147	0.1815
123	8.55	34.210	5.35	125	8.45	34.203	5.34	26.60	144	146	0.2183
148	7.35	34.128	5.25	150	7.12	34.122	5.26	26.73	132	134	0.2535

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
189	2.75	34.023	5.56	200	2.35	34.010	5.52	27.17	090	091	0.3099
229	1.32	33.976	5.45	250	1.07	33.984	5.34	27.24	083	083	0.3536
269	0.86	33.993	5.25	300	0.77	33.990	5.27	27.26	081	081	0.3948
373	0.59	33.984	5.35	400	0.56	33.991	5.32	27.28	080	079	0.4753
465	0.51	34.011	5.25								

GANGWON 867 , STATION 107-06 , 38-12.6. N, 129-41.1. E, APR.17.1988, 15:30 KST,
 DEPTH 882 , COLOR 3, TRANS. 11.0, WAVE SE 4, SWELL SE 2, WIND SE 4 , BARO 1010. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.67	34.518	6.08	0	13.67	34.518	6.08	25.90	211	210	0.0000
10	13.56	34.510	6.17	10	13.56	34.510	6.17	25.91	209	209	0.0210
20	13.48	34.506	5.98	20	13.48	34.506	5.98	25.93	208	208	0.0419
30	12.88	34.506	5.66	30	12.88	34.506	5.66	26.05	196	197	0.0622
50	12.76	34.507	5.56	50	12.76	34.507	5.56	26.07	194	195	0.1014
75	12.44	34.508	5.55	75	12.44	34.508	5.55	26.14	188	189	0.1496
98	10.93	34.358	5.56	100	10.71	34.351	5.56	26.34	169	171	0.1948
121	8.42	34.278	5.56	125	7.97	34.251	5.53	26.71	134	136	0.2332
141	6.20	34.145	5.45	150	5.43	34.135	5.45	26.96	110	112	0.2643
189	2.10	34.093	5.45	200	1.91	34.077	5.42	27.26	082	082	0.3130
237	1.30	34.025	5.35	250	1.18	34.018	5.37	27.26	081	081	0.3541
283	0.90	34.002	5.45	300	0.87	34.003	5.41	27.27	080	080	0.3948
377	0.75	34.009	5.25	400	0.71	34.009	5.22	27.28	079	079	0.4749
482	0.58	34.012	5.14								

GANGWON 867 , STATION 107-07 , 38-12.6. N, 130-00.0. E, APR.23.1988, 14:10 KST,
 DEPTH 846 , COLOR 4, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 999.5,
 AIR TEMP. DRY 20.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	13.92	34.597	6.10	0	13.92	34.597	6.10	25.91	210	210	0.0000
10	13.66	34.629	6.20	10	13.66	34.629	6.20	25.99	202	202	0.0206
20	13.61	34.622	5.98	20	13.61	34.622	5.98	25.99	202	202	0.0409
30	13.66	34.617	5.77	30	13.66	34.617	5.77	25.98	203	204	0.0612
50	13.61	34.616	5.87	50	13.61	34.616	5.87	25.99	202	203	0.1020
75	13.51	34.617	5.87	75	13.51	34.617	5.87	26.01	200	202	0.1528
102	13.14	34.564	5.56	100	13.16	34.567	5.58	26.04	197	200	0.2031
124	8.33	34.320	5.45	125	8.09	34.313	5.44	26.74	131	133	0.2448
148	2.71	34.156	5.25	150	2.65	34.151	5.25	27.26	082	082	0.2718
200	1.18	34.029	5.45	200	1.18	34.029	5.45	27.27	080	080	0.3127
252	0.69	34.011	5.36	250	0.70	34.011	5.36	27.29	079	079	0.3527
302	0.50	33.986	5.35	300	0.50	33.987	5.35	27.28	080	079	0.3925
399	0.50	34.020	5.45	400	0.49	34.019	5.44	27.30	077	077	0.4710
500	0.44	34.003	5.35	500	0.44	34.003	5.35	27.29	078	078	0.5487

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, JUN. 7.1988, 08:30 KST,
 DEPTH 95 , COLOR 6, TRANS. 7.5, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1006. ,
 AIR TEMP. DRY 21.1, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	16.30	34.001	6.02	0	16.30	34.001	6.02	24.93	303	303	0.0000
10	12.84	34.008	5.81	10	12.84	34.008	5.81	25.67	232	232	0.0267
20	8.45	34.005	5.92	20	8.45	34.005	5.92	26.44	159	159	0.0464
30	6.83	34.054	6.02	30	6.83	34.054	6.02	26.71	133	133	0.0610
50	5.12	34.013	6.02	50	5.12	34.013	6.02	26.90	116	116	0.0861
75	2.00	33.973	6.09	75	2.00	33.973	6.09	27.17	090	090	0.1120

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, JUN. 7.1988, 09:00 KST,
 DEPTH 855 , COLOR 6, TRANS. 8.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1006. ,
 AIR TEMP. DRY 24.4, WET , CLOUD. TYPE CI, AMT , WEATHER BC

0	16.54	34.004	5.91	0	16.54	34.004	5.91	24.87	308	308	0.0000
10	14.72	34.142	5.71	10	14.72	34.142	5.71	25.39	259	259	0.0284
20	7.73	34.141	5.69	20	7.73	34.141	5.69	26.66	139	139	0.0483
30	5.25	34.043	5.71	30	5.25	34.043	5.71	26.91	115	115	0.0610
50	3.32	34.019	6.02	50	3.32	34.019	6.02	27.09	097	097	0.0824
75	1.93	33.980	6.12	75	1.93	33.980	6.12	27.18	089	089	0.1059
95	1.68	33.971	6.24	100	1.64	33.970	6.22	27.19	088	088	0.1281
124	1.48	33.968	6.14	125	1.46	33.968	6.13	27.20	087	087	0.1501
145	1.21	33.971	6.02	150	1.16	33.969	5.98	27.22	085	085	0.1716
194	0.80	33.961	5.71	200	0.77	33.960	5.67	27.24	083	083	0.2138
244	0.60	33.960	5.40	250	0.58	33.961	5.40	27.25	082	082	0.2552
291	0.49	33.974	5.40	300	0.48	33.974	5.38	27.27	080	080	0.2959
387	0.41	33.982	5.29	400	0.39	33.980	5.29	27.28	080	079	0.3759
476	0.32	33.975	5.30								

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, JUN. 7.1988, 09:55 KST,
 DEPTH 1120 , COLOR 6, TRANS. 8.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1006. ,
 AIR TEMP. DRY 25.6, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	16.79	34.025	5.94	0	16.79	34.025	5.94	24.83	312	312	0.0000
10	14.78	34.035	5.69	10	14.78	34.035	5.69	25.29	268	268	0.0290
20	7.65	34.165	5.50	20	7.65	34.165	5.50	26.69	136	136	0.0493
30	5.42	34.081	5.70	30	5.42	34.081	5.70	26.91	114	114	0.0618
50	3.53	33.967	6.02	50	3.53	33.967	6.02	27.03	103	103	0.0837
75	2.06	33.984	6.14	75	2.06	33.984	6.14	27.17	090	090	0.1079

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
99	0.95	33.987	6.24	100	0.94	33.987	6.23	27.25	082	082	0.1295
125	0.80	33.992	6.14	125	0.80	33.992	6.14	27.26	081	081	0.1500
148	0.69	34.019	5.94	150	0.68	34.017	5.92	27.29	078	078	0.1699
194	0.58	33.983	5.61	200	0.56	33.981	5.61	27.27	080	080	0.2097
247	0.49	33.972	5.61	250	0.48	33.971	5.61	27.27	081	080	0.2501
292	0.40	33.970	5.61	300	0.39	33.969	5.59	27.27	080	080	0.2904
391	0.34	33.966	5.40	400	0.33	33.966	5.38	27.27	080	080	0.3707
487	0.32	33.971	5.29								

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, JUN. 7.1988, 11:00 KST,
 DEPTH 1296 , COLOR 5, TRANS. 9.5, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1004.5,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	17.81	34.027	5.92	0	17.81	34.027	5.92	24.59	335	335	0.0000
10	15.41	34.007	5.71	10	15.41	34.007	5.71	25.13	284	283	0.0309
20	11.04	33.971	5.84	20	11.04	33.971	5.84	25.98	203	203	0.0553
30	9.03	34.158	6.02	30	9.03	34.158	6.02	26.47	156	157	0.0733
50	4.39	34.031	5.81	50	4.39	34.031	5.81	26.99	107	107	0.0997
75	2.58	33.968	6.04	75	2.58	33.968	6.04	27.12	095	095	0.1251
99	1.38	33.967	6.24	100	1.36	33.966	6.23	27.21	086	086	0.1479
125	1.06	33.966	6.04	125	1.06	33.966	6.04	27.23	084	084	0.1693
142	0.78	33.961	5.81	150	0.75	33.962	5.81	27.24	083	083	0.1903
191	0.60	33.968	5.81	200	0.57	33.967	5.79	27.26	081	081	0.2316
240	0.45	33.965	5.71	250	0.43	33.965	5.68	27.26	081	081	0.2722
285	0.40	33.966	5.61	300	0.39	33.966	5.57	27.27	081	080	0.3126
382	0.35	33.972	5.40	400	0.35	33.971	5.40	27.27	080	079	0.3929
479	0.35	33.967	5.40								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, JUN. 7.1988, 12:35 KST,
 DEPTH 1080 , COLOR 3, TRANS. 17.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1004. ,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.42	34.410	5.81	0	19.42	34.410	5.81	24.48	346	345	0.0000
10	18.32	34.426	5.81	10	18.32	34.426	5.81	24.77	318	318	0.0332
20	17.79	34.486	5.81	20	17.79	34.486	5.81	24.94	301	302	0.0642
30	16.98	34.501	5.79	30	16.98	34.501	5.79	25.15	282	282	0.0935
50	14.40	34.507	5.50	50	14.40	34.507	5.50	25.74	226	227	0.1445
75	10.73	34.438	5.50	75	10.73	34.438	5.50	26.40	163	164	0.1935
100	9.07	34.239	5.82	100	9.07	34.239	5.82	26.53	151	153	0.2332
126	6.51	34.286	5.92	125	6.60	34.284	5.91	26.92	113	115	0.2668
145	4.90	34.200	5.71	150	4.52	34.191	5.67	27.10	096	097	0.2934
194	1.27	34.117	5.40	200	1.24	34.114	5.40	27.33	074	074	0.3366

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
242	1.07	34.097	5.40	250	0.99	34.092	5.43	27.33	074	074	0.3740
289	0.60	34.070	5.61	300	0.58	34.058	5.56	27.33	075	074	0.4114
374	0.46	33.983	5.29	400	0.43	33.980	5.35	27.28	080	079	0.4887
461	0.37	33.975	5.50								

GANGWON 867 , STATION 107-06 , 38-12.6. N, 129-41.1. E, JUN. 7.1988, 14:10 KST,
 DEPTH 882 , COLOR 3, TRANS. 17.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1003. ,
 ATR TEMP. DRY 24.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	19.54	34.415	5.94	0	19.54	34.415	5.94	24.45	348	348	0.0000
10	18.54	34.427	5.94	10	18.54	34.427	5.94	24.71	323	323	0.0336
20	18.17	34.480	5.82	20	18.17	34.480	5.82	24.85	311	311	0.0653
30	17.98	34.532	5.71	30	17.98	34.532	5.71	24.93	302	303	0.0961
50	15.66	34.511	5.40	50	15.66	34.511	5.40	25.46	252	253	0.1518
75	15.18	34.493	5.40	75	15.18	34.493	5.40	25.56	243	245	0.2142
96	12.62	34.420	5.49	100	12.15	34.406	5.49	26.11	190	192	0.2690
120	9.85	34.337	5.49	125	9.43	34.305	5.49	26.52	152	154	0.3123
140	8.20	34.212	5.50	150	7.64	34.195	5.54	26.71	133	136	0.3487
186	5.66	34.138	5.71	200	4.81	34.132	5.64	27.03	104	105	0.4092
233	2.83	34.119	5.50	250	2.24	34.103	5.46	27.25	082	083	0.4565
277	1.31	34.080	5.40	300	1.16	34.051	5.36	27.29	079	079	0.4972
359	0.79	33.977	5.29	400	0.63	33.982	5.34	27.27	081	080	0.5773
435	0.51	33.988	5.40								

GANGWON 867 , STATION 107-07 , 38-12.6. N, 130-00.0. E, JUN. 7.1988, 15:40 KST,
 DEPTH 846 , COLOR 2, TRANS. 17.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1003.5,
 ATR TEMP. DRY 22.7, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	19.69	34.474	5.83	0	19.69	34.474	5.83	24.46	348	347	0.0000
10	18.38	34.506	5.81	10	18.38	34.506	5.81	24.81	314	314	0.0331
20	18.05	34.466	5.61	20	18.05	34.466	5.61	24.87	309	309	0.0642
30	16.38	34.557	5.61	30	16.38	34.557	5.61	25.33	264	265	0.0930
50	15.49	34.595	5.39	50	15.49	34.595	5.39	25.57	242	243	0.1439
75	12.83	34.497	5.49	75	12.83	34.497	5.49	26.05	196	198	0.1992
99	10.66	34.384	5.29	100	10.64	34.381	5.29	26.37	166	167	0.2449
121	10.35	34.334	5.40	125	10.14	34.326	5.44	26.42	161	164	0.2864
141	9.34	34.298	5.61	150	9.13	34.276	5.61	26.55	149	152	0.3260
189	8.25	34.185	5.61	200	7.51	34.167	5.58	26.71	134	137	0.3983
239	4.89	34.106	5.50	250	4.19	34.097	5.47	27.06	100	102	0.4582
283	2.12	34.070	5.40	300	1.90	34.064	5.37	27.25	083	083	0.5047
373	0.97	34.043	5.29	400	0.85	34.029	5.35	27.29	078	078	0.5861
466	0.57	33.996	5.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, AUG. 3.1988, 09:50 KST,
 DEPTH 90 , COLOR 4, TRANS. 14.0, WAVE 0, SWELL 0, WIND 0 , BARO 999. ,
 AIR TEMP. DRY 31.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.06	31.883	4.88	0	23.06	31.883	4.88	21.58	623	623	0.0000
10	20.32	33.085	5.19	10	20.32	33.085	5.19	23.24	464	464	0.0543
20	19.06	33.309	5.61	20	19.06	33.309	5.61	23.73	417	417	0.0985
30	15.35	33.460	5.81	30	15.35	33.460	5.81	24.72	322	323	0.1355
50	8.57	33.816	6.03	50	8.57	33.816	6.03	26.27	175	175	0.1854
75	4.91	33.972	6.25	75	4.91	33.972	6.25	26.89	117	117	0.2221

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, AUG. 3.1988, 10:30 KST,
 DEPTH 855 , COLOR 4, TRANS. 14.0, WAVE 0, SWELL 0, WIND 0 , BARO 999. ,
 AIR TEMP. DRY 31.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.98	32.397	5.09	0	22.98	32.397	5.09	21.99	584	583	0.0000
10	20.75	33.368	5.19	10	20.75	33.368	5.19	23.34	455	455	0.0519
20	19.85	33.388	5.29	20	19.85	33.388	5.29	23.59	430	431	0.0962
30	19.71	33.482	5.29	30	19.71	33.482	5.29	23.70	420	421	0.1388
50	14.41	33.684	5.81	50	14.41	33.684	5.81	25.10	287	288	0.2098
75	8.56	34.212	6.20	75	8.56	34.212	6.20	26.59	145	146	0.2641
100	3.72	33.951	6.21	100	3.72	33.951	6.21	27.00	106	107	0.2959
126	1.90	34.051	6.03	125	1.97	34.047	6.03	27.23	084	085	0.3199
149	1.65	34.069	6.02	150	1.63	34.069	6.01	27.27	080	080	0.3407
192	1.04	34.097	5.96	200	0.97	34.096	5.93	27.34	074	074	0.3795
241	0.63	34.092	5.82	250	0.61	34.090	5.77	27.36	072	072	0.4163
284	0.54	34.087	5.61	300	0.52	34.073	5.57	27.35	073	073	0.4527
372	0.47	34.013	5.40	400	0.42	34.016	5.43	27.31	077	077	0.5279
461	0.33	34.023	5.50								

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, AUG. 3.1988, 11:25 KST,
 DEPTH 1120 , COLOR 3, TRANS. 14.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 999. ,
 AIR TEMP. DRY 31.8, WET , CLOUD. TYPE CU, AMT 01, WEATHER B

0	23.10	32.562	5.19	0	23.10	32.562	5.19	22.08	575	575	0.0000
10	20.94	33.265	5.30	10	20.94	33.265	5.30	23.21	467	467	0.0521
20	19.05	33.408	5.29	20	19.05	33.408	5.29	23.81	409	410	0.0960
30	13.65	33.726	5.50	30	13.65	33.726	5.50	25.29	268	269	0.1299
50	9.93	33.836	5.71	50	9.93	33.836	5.71	26.07	194	195	0.1764

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	6.98	34.241	5.92	75	6.98	34.241	5.92	26.84	121	122	0.2162
103	3.14	34.089	6.14	100	3.55	34.105	6.11	27.14	093	093	0.2432
121	1.93	34.028	6.05	125	1.80	34.037	6.03	27.23	084	084	0.2655
143	1.23	34.082	5.96	150	1.16	34.069	5.96	27.30	077	077	0.2858
192	0.80	33.992	5.96	200	0.78	34.000	5.93	27.27	080	080	0.3254
241	0.71	34.041	5.83	250	0.68	34.031	5.80	27.30	077	077	0.3649
285	0.61	33.995	5.71	300	0.57	33.999	5.69	27.28	079	079	0.4041
373	0.40	34.021	5.61	400	0.37	34.019	5.55	27.31	076	076	0.4820
475	0.31	34.015	5.39								

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, AUG. 3.1988, 12:35 KST,
 DEPTH 1296 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 999. ,
 AIR TEMP. DRY 32.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.24	33.035	4.98	0	24.24	33.035	4.98	22.10	573	572	0.0000
10	21.09	33.421	5.19	10	21.09	33.421	5.19	23.29	459	459	0.0516
20	18.34	33.526	5.50	20	18.34	33.526	5.50	24.08	384	384	0.0938
30	16.19	33.674	5.81	30	16.19	33.674	5.81	24.70	325	325	0.1293
50	11.53	33.990	5.81	50	11.53	33.990	5.81	25.91	210	210	0.1830
75	8.37	34.290	5.92	75	8.37	34.290	5.92	26.68	137	138	0.2267
93	4.56	34.202	6.04	100	4.01	34.181	6.01	27.15	092	092	0.2555
123	2.24	34.115	5.95	125	2.15	34.111	5.95	27.27	081	081	0.2773
144	1.31	34.082	5.95	150	1.24	34.074	5.94	27.30	077	077	0.2972
195	0.75	34.021	5.94	200	0.74	34.026	5.92	27.30	078	078	0.3363
248	0.69	34.076	5.83	250	0.68	34.071	5.82	27.34	074	074	0.3745
297	0.53	33.968	5.81	300	0.52	33.969	5.79	27.26	081	081	0.4134
396	0.39	34.017	5.40	400	0.38	34.017	5.40	27.31	077	076	0.4924
499	0.33	34.020	5.41								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, AUG. 3.1988, 14:05 KST, .
 DEPTH 1080 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 999. ,
 AIR TEMP. DRY 32.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.33	33.113	5.09	0	23.33	33.113	5.09	22.43	541	541	0.0000
10	22.11	33.658	5.19	10	22.11	33.658	5.19	23.19	469	469	0.0505
20	22.08	34.189	5.29	20	22.08	34.189	5.29	23.60	430	430	0.0955
30	19.53	34.299	5.50	30	19.53	34.299	5.50	24.36	356	357	0.1349
50	16.25	34.471	5.49	50	16.25	34.471	5.49	25.30	268	269	0.1976
75	14.74	34.509	5.40	75	14.74	34.509	5.40	25.66	233	235	0.2607
98	9.39	34.257	5.71	100	9.17	34.245	5.72	26.51	152	154	0.3093
121	6.94	34.130	5.92	125	6.69	34.128	5.92	26.79	126	127	0.3446
145	5.44	34.122	5.92	150	5.07	34.122	5.91	26.99	107	109	0.3742
187	2.41	34.126	5.84	200	2.02	34.118	5.80	27.28	079	080	0.4215

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
234	1.01	34.099	5.73	250	0.92	34.098	5.72	27.34	074	074	0.4601
282	0.75	34.096	5.71	300	0.70	34.075	5.67	27.34	074	074	0.4972
377	0.50	33.986	5.50	400	0.46	33.988	5.50	27.28	079	079	0.5741
473	0.36	33.995	5.50								

GANGWON 867 , STATION 107-06 , 38-12.6. N, 129-41.1. E, AUG. 3.1988, 15:40 KST,
 DEPTH 882 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 998.5,
 AIR TEMP. DRY 30.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.86	32.984	5.40	0	23.86	32.984	5.40	22.18	566	565	0.0000
10	22.22	33.476	5.40	10	22.22	33.476	5.40	23.02	485	485	0.0525
20	19.42	33.896	5.50	20	19.42	33.896	5.50	24.09	383	383	0.0960
30	17.11	34.421	5.50	30	17.11	34.421	5.50	25.06	290	291	0.1298
50	15.56	34.460	5.51	50	15.56	34.460	5.51	25.45	254	255	0.1844
75	12.44	34.398	5.50	75	12.44	34.398	5.50	26.05	196	198	0.2411
94	10.54	34.480	5.71	100	10.40	34.463	5.75	26.48	156	157	0.2856
123	9.90	34.401	5.92	125	9.86	34.398	5.92	26.52	151	154	0.3246
146	9.47	34.370	5.93	150	9.19	34.364	5.93	26.60	144	146	0.3622
196	6.05	34.296	6.02	200	5.89	34.293	5.97	27.02	104	106	0.4255
240	4.38	34.268	5.50	250	3.86	34.235	5.54	27.21	086	088	0.4743
284	2.12	34.126	5.71	300	1.87	34.112	5.69	27.29	079	080	0.5164
379	0.68	34.045	5.61	400	0.64	34.037	5.63	27.31	077	076	0.5948
472	0.51	34.013	5.71								

GANGWON 867 , STATION 107-07 , 38-12.6. N, 130-00.0. E, AUG. 3.1988, 17:10 KST,
 DEPTH 846 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 998.5,
 AIR TEMP. DRY 26.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.72	33.018	5.19	0	23.72	33.018	5.19	22.24	559	559	0.0000
10	21.97	33.273	5.38	10	21.97	33.273	5.38	22.93	493	493	0.0526
20	20.95	34.107	5.29	20	20.95	34.107	5.29	23.84	406	407	0.0976
30	17.07	34.180	5.39	30	17.07	34.180	5.39	24.88	307	308	0.1334
50	16.91	34.424	5.61	50	16.91	34.424	5.61	25.11	286	287	0.1930
75	14.71	34.517	5.50	75	14.71	34.517	5.50	25.68	232	233	0.2581
98	13.75	34.540	5.71	100	13.57	34.535	5.71	25.93	207	210	0.3136
122	11.59	34.482	5.81	125	11.48	34.473	5.79	26.29	173	176	0.3620
150	10.61	34.402	5.71	150	10.61	34.402	5.71	26.39	163	166	0.4049
197	9.01	34.304	6.02	200	8.82	34.289	6.00	26.61	143	147	0.4834
226	7.21	34.168	5.92	250	5.28	34.105	5.74	26.95	111	113	0.5487
269	3.76	34.056	5.61	300	2.91	34.030	5.64	27.14	093	095	0.6009
365	1.13	33.976	5.71	400	0.95	33.980	5.71	27.25	083	083	0.6901
461	0.64	33.987	5.71								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GANGWON 867 , STATION 107-01 , 38-12.6. N, 128-37.4. E, OCT.17.1988, 10:20 KST,
 DEPTH 90 , COLOR 4, TRANS. 12.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1009.5,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.22	33.809	5.52	0	20.22	33.809	5.52	23.81	409	409	0.0000
10	20.24	33.816	5.42	10	20.24	33.816	5.42	23.81	409	409	0.0409
20	20.13	33.884	5.70	20	20.13	33.884	5.70	23.89	401	402	0.0815
30	19.01	33.955	6.06	30	19.01	33.955	6.06	24.24	369	369	0.1201
50	8.25	34.035	6.47	50	8.25	34.035	6.47	26.49	154	154	0.1726
75	3.59	33.998	6.47	75	3.59	33.998	6.47	27.05	101	102	0.2048

GANGWON 867 , STATION 107-02 , 38-12.6. N, 128-42.7. E, OCT.17.1988, 11:00 KST,
 DEPTH 855 , COLOR 4, TRANS. 13.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1009.5,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.43	33.836	5.31	0	20.43	33.836	5.31	23.78	413	412	0.0000
10	20.40	33.875	5.52	10	20.40	33.875	5.52	23.81	409	409	0.0411
20	20.36	34.005	5.94	20	20.36	34.005	5.94	23.92	399	399	0.0815
30	20.32	34.074	5.84	30	20.32	34.074	5.84	23.99	392	393	0.1211
50	12.27	34.179	6.06	50	12.27	34.179	6.06	25.91	209	210	0.1816
75	4.93	34.058	6.47	75	4.93	34.058	6.47	26.95	110	111	0.2218
100	3.02	34.072	6.47	100	3.02	34.072	6.47	27.16	091	091	0.2472
124	2.58	34.000	6.48	125	2.53	34.004	6.47	27.15	092	092	0.2702
146	1.60	34.096	6.35	150	1.54	34.091	6.33	27.30	078	078	0.2916
195	0.95	34.046	6.15	200	0.93	34.048	6.10	27.30	077	077	0.3307
245	0.76	34.073	5.73	250	0.74	34.067	5.75	27.33	075	075	0.3690
295	0.60	34.021	5.94	300	0.59	34.020	5.92	27.30	078	077	0.4072
388	0.44	34.011	5.62	400	0.43	34.013	5.64	27.30	077	077	0.4847
487	0.36	34.033	5.83								

GANGWON 867 , STATION 107-03 , 38-12.6. N, 128-50.6. E, OCT.17.1988, 12:05 KST,
 DEPTH 1120 , COLOR 4, TRANS. 13.5, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1009. ,
 AIR TEMP. DRY 22.5, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.38	33.842	5.52	0	20.38	33.842	5.52	23.80	411	411	0.0000
10	20.26	33.945	5.52	10	20.26	33.945	5.52	23.90	400	400	0.0405
20	20.25	33.967	5.83	20	20.25	33.967	5.83	23.92	398	399	0.0806
30	20.18	34.134	5.62	30	20.18	34.134	5.62	24.07	385	385	0.1198
50	15.16	34.247	5.82	50	15.16	34.247	5.82	25.37	261	262	0.1846

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	7.89	34.176	6.15	75	7.89	34.176	6.15	26.66	138	139	0.2349
100	4.37	34.099	6.27	100	4.37	34.099	6.27	27.05	101	102	0.2652
122	2.66	34.041	6.37	125	2.53	34.035	6.35	27.17	090	090	0.2893
145	1.68	33.998	6.25	150	1.61	34.001	6.23	27.22	085	085	0.3113
198	0.99	34.033	6.04	200	0.97	34.034	6.02	27.29	079	079	0.3526
252	0.67	34.031	5.62	250	0.68	34.079	5.63	27.34	074	073	0.3909
297	0.51	34.019	5.94	300	0.50	34.018	5.93	27.30	077	077	0.4287
402	0.36	33.995	5.83	400	0.36	33.995	5.83	27.29	078	078	0.5065
507	0.29	34.018	5.52	500	0.29	34.016	5.54	27.31	076	076	0.5837

GANGWON 867 , STATION 107-04 , 38-12.6. N, 129-03.5. E, OCT.17.1988, 13:20 KST,
 DEPTH 1296 , COLOR 3, TRANS. 15.5, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1009. ,
 AIR TEMP. DRY 22.5, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.22	33.864	5.62	0	20.22	33.864	5.62	23.85	405	405	0.0000
10	20.11	33.898	5.52	10	20.11	33.898	5.52	23.91	400	400	0.0402
20	20.01	33.978	5.64	20	20.01	33.978	5.64	24.00	392	392	0.0799
30	17.57	34.157	5.62	30	17.57	34.157	5.62	24.75	320	321	0.1156
50	15.21	34.184	5.83	50	15.21	34.184	5.83	25.31	266	267	0.1745
75	12.94	34.298	5.73	75	12.94	34.298	5.73	25.88	213	214	0.2348
95	8.13	34.255	5.83	100	7.33	34.242	5.81	26.79	126	127	0.2776
119	4.29	34.197	5.74	125	3.76	34.173	5.76	27.17	090	091	0.3049
143	2.18	34.103	5.82	150	2.03	34.093	5.83	27.26	081	082	0.3266
195	1.12	34.029	5.94	200	1.08	34.033	5.91	27.28	079	079	0.3671
242	0.79	34.072	5.73	250	0.76	34.068	5.69	27.33	075	075	0.4059
294	0.60	34.050	5.52	300	0.58	34.046	5.52	27.32	076	075	0.4437
400	0.36	33.982	5.63	400	0.36	33.982	5.63	27.28	079	079	0.5212
491	0.33	34.015	5.54								

GANGWON 867 , STATION 107-05 , 38-12.6. N, 129-22.3. E, OCT.17.1988, 14:55 KST,
 DEPTH 1080 , COLOR 3, TRANS. 15.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1008. ,
 AIR TEMP. DRY 22.7, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	19.78	33.890	5.52	0	19.78	33.890	5.52	23.99	392	392	0.0000
10	19.58	33.992	5.52	10	19.58	33.992	5.52	24.12	380	380	0.0386
20	19.51	34.053	5.62	20	19.51	34.053	5.62	24.18	374	374	0.0764
30	19.45	34.172	5.43	30	19.45	34.172	5.43	24.29	364	364	0.1133
50	19.36	34.398	5.31	50	19.36	34.398	5.31	24.48	345	346	0.1845
75	16.91	34.567	5.00	75	16.91	34.567	5.00	25.22	275	277	0.2626
101	14.47	34.468	5.19	100	14.56	34.471	5.18	25.67	232	234	0.3267
125	11.18	34.394	5.21	125	11.18	34.394	5.21	26.29	174	176	0.3781
151	8.72	34.261	5.52	150	8.81	34.266	5.50	26.59	145	148	0.4187
194	5.72	34.157	5.52	200	5.47	34.149	5.53	26.96	110	112	0.4838

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
241	3.80	34.100	5.64	250	3.55	34.094	5.65	27.13	094	095	0.5358
290	2.45	34.072	5.73	300	2.27	34.066	5.73	27.22	085	086	0.5815
385	0.77	34.018	5.74	400	0.72	34.020	5.73	27.29	078	078	0.6642
475	0.51	34.033	5.73								

GANGWON 867 , STATION 107-06 , 38-12.6. N, 129-41.1. E, OCT.17.1988, 16:40 KST,
 DEPTH 882 , COLOR 3, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1007. ,
 AIR TEMP. DRY 20.1, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.78	33.881	5.62	0	19.78	33.881	5.62	23.98	393	393	0.0000
10	19.70	33.959	5.63	10	19.70	33.959	5.63	24.06	385	385	0.0389
20	19.60	33.998	5.43	20	19.60	33.998	5.43	24.12	380	380	0.0772
30	19.58	34.177	5.31	30	19.58	34.177	5.31	24.26	367	367	0.1147
50	19.32	34.421	5.10	50	19.32	34.421	5.10	24.51	342	344	0.1859
75	16.05	34.556	4.79	75	16.05	34.556	4.79	25.41	257	259	0.2613
99	14.80	34.510	4.88	100	14.70	34.504	4.88	25.67	232	235	0.3232
121	12.65	34.379	4.98	125	12.30	34.375	5.03	26.06	195	198	0.3774
146	10.52	34.359	5.31	150	10.36	34.353	5.33	26.40	163	166	0.4230
196	8.62	34.293	5.62	200	8.23	34.289	5.62	26.70	135	138	0.4993
246	3.84	34.252	5.73	250	3.64	34.243	5.74	27.24	083	085	0.5553
296	1.35	34.146	5.94	300	1.31	34.142	5.93	27.35	073	073	0.5951
389	0.61	34.066	5.73	400	0.59	34.063	5.73	27.33	074	074	0.6691
483	0.46	34.046	5.73								

GANGWON 867 , STATION 107-07 , 38-12.6. N, 130-00.0. E, OCT.17.1988, 18:15 KST,
 DEPTH 846 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1007. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	19.33	33.908	5.40	0	19.33	33.908	5.40	24.12	380	380	0.0000
10	19.24	33.951	5.62	10	19.24	33.951	5.62	24.17	375	375	0.0377
20	18.92	34.173	5.43	20	18.92	34.173	5.43	24.42	351	351	0.0741
30	18.90	34.243	5.21	30	18.90	34.243	5.21	24.48	345	346	0.1090
50	18.74	34.246	5.21	50	18.74	34.246	5.21	24.53	341	342	0.1779
75	16.35	34.462	5.00	75	16.35	34.462	5.00	25.27	271	272	0.2548
96	14.54	34.546	4.79	100	14.10	34.527	4.79	25.81	219	221	0.3167
122	11.73	34.425	4.79	125	11.52	34.423	4.83	26.25	178	180	0.3669
145	10.14	34.413	5.10	150	10.05	34.400	5.14	26.49	154	157	0.4092
193	9.35	34.294	5.52	200	8.83	34.276	5.55	26.59	145	148	0.4858
237	6.11	34.181	5.73	250	5.09	34.144	5.75	27.00	106	108	0.5501
282	2.58	34.056	5.83	300	2.26	34.241	5.81	27.36	072	073	0.5956
372	0.98	34.984	5.73	400	0.85	34.688	5.66	27.82	028	029	0.6469
464	0.56	34.013	5.52								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

1 月 (January) 1989

GYUNGBUG 853 , STATION 107-01 , 38-12.6. N, 128-37.4. E, JAN.10.1989, 10:30 KST,
 DEPTH 90 , COLOR 4, TRANS. 15.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1024. ,
 AIR TEMP. DRY 7.7, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.27	34.163	6.63	0	11.27	34.163	6.63	26.09	192	192	0.0000
10	11.25	34.201	6.63	10	11.25	34.201	6.63	26.12	189	189	0.0191
20	11.18	34.169	6.53	20	11.18	34.169	6.53	26.11	190	191	0.0381
30	11.15	34.202	6.63	30	11.15	34.202	6.63	26.14	187	188	0.0571
50	11.07	34.144	6.32	50	11.07	34.144	6.32	26.11	190	191	0.0951
75	7.00	34.114	6.74	75	7.00	34.114	6.74	26.74	131	132	0.1355
88	5.02	34.082	6.63								

GYUNGBUG 853 , STATION 107-02 , 38-12.6. N, 128-42.7. E, JAN.10.1989, 11:10 KST,
 DEPTH 855 , COLOR 4, TRANS. 15.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1024. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.29	34.154	6.53	0	11.29	34.154	6.53	26.08	193	193	0.0000
10	11.28	34.173	6.53	10	11.28	34.173	6.53	26.10	192	192	0.0192
20	11.31	34.185	6.63	20	11.31	34.185	6.63	26.10	191	192	0.0385
30	11.19	34.133	6.74	30	11.19	34.133	6.74	26.08	193	194	0.0578
50	10.68	34.148	6.74	50	10.68	34.148	6.74	26.18	183	184	0.0956
75	9.85	34.109	6.84	75	9.85	34.109	6.84	26.30	173	174	0.1405
98	7.01	34.095	6.42	100	6.72	34.095	6.44	26.76	129	130	0.1786
122	3.57	34.101	6.74	125	3.47	34.098	6.68	27.14	093	093	0.2067
146	2.80	34.082	6.32	150	2.79	34.079	6.33	27.19	088	089	0.2296
194	2.68	34.054	6.53	200	2.52	34.047	6.46	27.18	089	089	0.2744
243	1.40	33.999	6.00	250	1.31	34.001	6.01	27.24	083	084	0.3178
293	0.82	34.015	6.11	300	0.79	34.013	6.08	27.28	079	079	0.3588
393	0.52	34.000	5.79	400	0.51	34.002	5.80	27.29	079	078	0.4379
490	0.45	34.033	6.00								

GYUNGBUG 853 , STATION 107-03 , 38-12.6. N, 128-50.6. E, JAN.10.1989, 12:15 KST,
 DEPTH 1120 , COLOR 4, TRANS. 16.0, WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1023. ,
 AIR TEMP. DRY 7.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.44	34.169	6.53	0	11.44	34.169	6.53	26.06	195	195	0.0000
10	11.37	34.187	6.32	10	11.37	34.187	6.32	26.09	192	192	0.0193
20	10.84	34.172	6.32	20	10.84	34.172	6.32	26.17	184	184	0.0382
30	10.71	34.119	6.11	30	10.71	34.119	6.11	26.16	186	186	0.0568
50	10.58	34.148	6.21	50	10.58	34.148	6.21	26.20	182	183	0.0938

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	10.43	34.117	6.63	75	10.43	34.117	6.63	26.20	182	183	0.1396
98	9.32	34.088	6.63	100	8.81	34.085	6.60	26.45	158	160	0.1826
123	3.03	34.060	6.32	125	2.98	34.061	6.34	27.15	091	092	0.2142
148	2.47	34.073	6.63	150	2.44	34.070	6.61	27.21	086	087	0.2366
198	1.88	34.018	6.21	200	1.86	34.018	6.20	27.21	086	086	0.2801
247	1.45	34.029	6.00	250	1.43	34.026	5.98	27.25	082	082	0.3225
294	1.24	33.991	5.79	300	1.20	33.991	5.79	27.24	083	084	0.3642
391	0.71	34.005	5.79	400	0.67	34.006	5.79	27.28	079	079	0.4460
486	0.32	34.023	5.87								

GYUNGBUG 853 , STATION 107-04 , 38-12.6. N, 129-03.5. E, JAN.10.1989, 13:50 KST,
 DEPTH 1296 , COLOR 3, TRANS. 16.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1024. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.72	34.189	6.32	0	11.72	34.189	6.32	26.03	198	198	0.0000
10	11.73	34.167	6.11	10	11.73	34.167	6.11	26.01	200	200	0.0199
20	11.73	34.174	6.11	20	11.73	34.174	6.11	26.01	200	200	0.0400
30	9.78	34.162	6.00	30	9.78	34.162	6.00	26.35	168	168	0.0584
50	8.61	34.128	6.32	50	8.61	34.128	6.32	26.51	152	153	0.0906
75	6.97	34.123	6.63	75	6.97	34.123	6.63	26.75	130	131	0.1261
100	5.48	34.095	6.21	100	5.48	34.095	6.21	26.92	114	115	0.1569
124	4.12	34.115	6.21	125	4.04	34.113	6.20	27.09	097	098	0.1836
147	2.41	34.083	6.11	150	2.38	34.078	6.11	27.22	085	086	0.2067
194	1.97	34.014	6.11	200	1.91	34.016	6.11	27.21	086	087	0.2500
239	1.55	34.029	6.11	250	1.47	34.021	6.05	27.24	083	083	0.2927
287	1.21	33.996	5.89	300	1.16	34.001	5.87	27.25	082	083	0.3344
382	0.91	34.033	5.79	400	0.84	34.031	5.82	27.29	078	078	0.4153
478	0.57	34.026	6.00								

GYUNGBUG 853 , STATION 107-05 , 38-12.6. N, 129-22.3. E, JAN.16.1989, 11:00 KST,
 DEPTH 1080 , COLOR 3, TRANS. 15.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1032.5,
 AIR TEMP. DRY 4.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.22	34.189	6.32	0	11.22	34.189	6.32	26.12	190	189	0.0000
10	11.29	34.177	6.21	10	11.29	34.177	6.21	26.10	192	192	0.0190
20	11.19	34.244	6.32	20	11.19	34.244	6.32	26.17	185	185	0.0379
30	11.09	34.210	6.00	30	11.09	34.210	6.00	26.16	186	186	0.0565
50	11.07	34.187	6.21	50	11.07	34.187	6.21	26.14	187	188	0.0941
75	10.98	34.160	6.63	75	10.98	34.160	6.63	26.14	188	189	0.1413
101	8.54	34.095	6.53	100	8.63	34.097	6.53	26.48	155	156	0.1846
123	6.91	34.066	6.53	125	6.77	34.063	6.51	26.73	132	133	0.2209
147	5.28	34.041	6.32	150	5.11	34.038	6.28	26.92	114	115	0.2521

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
197	2.50	34.004	5.79	200	2.41	34.008	5.80	27.16	091	091	0.3040
240	1.32	34.064	6.00	250	1.20	34.056	5.95	27.29	078	079	0.3467
283	0.81	34.033	5.79	300	0.77	34.026	5.75	27.29	078	078	0.3861
381	0.59	33.996	5.58	400	0.54	34.005	5.64	27.29	078	078	0.4646
476	0.37	34.043	5.89								

GYUNGBUG 853 , STATION 107-06 , 38-12.6. N, 129-41.1. E, JAN.16.1989, 12:35 KST,
 DEPTH 882 , COLOR 3, TRANS. 15.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1032.5,
 AIR TEMP. DRY 3.6, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.57	34.184	6.21	0	11.57	34.184	6.21	26.05	196	196	0.0000
10	11.60	34.196	6.21	10	11.60	34.196	6.21	26.05	196	196	0.0196
20	11.55	34.256	6.32	20	11.55	34.256	6.32	26.11	190	191	0.0389
30	11.52	34.301	6.00	30	11.52	34.301	6.00	26.15	187	187	0.0579
50	11.47	34.274	6.21	50	11.47	34.274	6.21	26.14	188	189	0.0955
75	11.42	34.196	6.42	75	11.42	34.196	6.42	26.09	193	194	0.1434
97	8.83	34.109	6.00	100	8.61	34.101	6.00	26.49	154	156	0.1873
120	7.20	34.048	6.00	125	6.68	34.050	6.02	26.73	132	133	0.2235
143	4.85	34.060	6.11	150	4.38	34.053	6.06	27.01	105	106	0.2536
192	1.58	34.014	5.79	200	1.49	34.009	5.79	27.23	084	084	0.3014
242	1.07	33.988	5.79	250	1.02	33.988	5.82	27.25	082	082	0.3433
292	0.76	33.994	6.00	300	0.74	33.995	5.97	27.27	080	080	0.3842
388	0.52	34.006	5.68	400	0.50	34.008	5.68	27.30	078	078	0.4635
484	0.37	34.025	5.68								

GYUNGBUG 853 , STATION 107-07 , 38-12.6. N, 130-00.0. E, JAN.16.1989, 14:35 KST,
 DEPTH 846 , COLOR 3, TRANS. 15.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1033. ,
 AIR TEMP. DRY 4.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	10.93	34.173	6.32	0	10.93	34.173	6.32	26.16	186	185	0.0000
10	10.96	34.187	6.00	10	10.96	34.187	6.00	26.16	185	185	0.0185
20	10.91	34.153	6.00	20	10.91	34.153	6.00	26.15	187	187	0.0372
30	10.55	34.150	6.11	30	10.55	34.150	6.11	26.21	181	181	0.0557
50	9.82	34.167	5.89	50	9.82	34.167	5.89	26.35	168	169	0.0908
75	6.65	34.111	5.79	75	6.65	34.111	5.79	26.78	127	127	0.1279
101	5.02	34.100	5.47	100	5.08	34.100	5.48	26.97	109	110	0.1577
125	2.73	34.021	5.79	125	2.73	34.021	5.79	27.15	092	093	0.1831
150	1.34	34.052	5.58	150	1.34	34.052	5.58	27.28	080	080	0.2047
199	0.81	34.068	5.58	200	0.80	34.066	5.58	27.32	075	075	0.2437
249	0.58	34.000	5.79	250	0.57	33.999	5.79	27.28	079	079	0.2824
299	0.45	33.995	5.87	300	0.45	33.995	5.86	27.29	079	078	0.3219
398	0.45	34.029	5.58	400	0.44	34.029	5.58	27.32	076	076	0.3994
498	0.44	34.043	5.89								

106 線 海洋觀測 成績 Oceanographic Data. Line 106

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

3 月(March)

GYUNGBUG 853 , STATION 106-02 , 37-53.7. N, 128-52.5. E, MAR.10.1988, 16:05 KST,
 DEPTH 58 , COLOR 4, TRANS. 12.5, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1023. ,
 AIR TEMP. DRY 12.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	9.70	34.428	6.53	0	9.70	34.428	6.53	26.57	147	146	0.0000
10	9.60	34.382	6.63	10	9.60	34.382	6.63	26.55	149	148	0.0147
20	9.59	34.384	6.32	20	9.59	34.384	6.32	26.56	148	148	0.0296
30	9.45	34.269	6.21	30	9.45	34.269	6.21	26.49	155	155	0.0448
50	5.50	34.183	6.53	50	5.50	34.183	6.53	26.99	107	108	0.0712

GYUNGBUG 853 , STATION 106-03 , 37-53.7. N, 128-57.2. E, MAR.10.1988, 15:25 KST,
 DEPTH 320 , COLOR 4, TRANS. 13.0, WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1023.5,
 AIR TEMP. DRY 12.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	10.82	34.400	6.32	0	10.82	34.400	6.32	26.36	167	167	0.0000
10	10.75	34.403	6.53	10	10.75	34.403	6.53	26.37	166	166	0.0166
20	10.52	34.319	6.21	20	10.52	34.319	6.21	26.35	168	168	0.0334
30	10.42	34.352	6.20	30	10.42	34.352	6.20	26.39	164	164	0.0501
50	10.24	34.275	6.31	50	10.24	34.275	6.31	26.36	167	167	0.0833
75	5.49	34.233	6.53	75	5.49	34.233	6.53	27.03	103	104	0.1174
99	1.95	34.169	6.44	100	1.92	34.167	6.43	27.33	075	075	0.1399
123	1.27	34.125	6.23	125	1.23	34.121	6.22	27.34	074	074	0.1586
148	0.86	34.081	6.21	150	0.85	34.080	6.20	27.33	074	074	0.1772
196	0.78	34.075	6.00	200	0.76	34.076	5.98	27.33	074	074	0.2146
246	0.63	34.090	5.80	250	0.61	34.089	5.79	27.35	072	072	0.2515
300	0.48	34.085	5.68	300	0.48	34.085	5.68	27.36	072	072	0.2877

GYUNGBUG 853 , STATION 106-04 , 37-53.7. N, 129-03.8. E, MAR.10.1988, 14:25 KST,
 DEPTH 710 , COLOR 4, TRANS. 13.0, WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1023.5,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	10.41	34.384	6.42	0	10.41	34.384	6.42	26.42	161	161	0.0000
10	10.15	34.343	6.32	10	10.15	34.343	6.32	26.43	160	160	0.0161
20	9.93	34.348	6.20	20	9.93	34.348	6.20	26.47	156	156	0.0319
30	9.88	34.260	6.21	30	9.88	34.260	6.21	26.41	162	162	0.0479
50	9.82	34.189	6.11	50	9.82	34.189	6.11	26.36	166	167	0.0810
75	6.05	34.169	6.23	75	6.05	34.169	6.23	26.91	115	116	0.1164

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
95	4.42	34.177	6.44	100	3.70	34.150	6.39	27.16	091	092	0.1424
116	1.41	34.064	6.23	125	1.20	34.073	6.26	27.30	077	077	0.1636
138	0.91	34.087	6.32	150	0.84	34.093	6.26	27.34	073	073	0.1826
183	0.67	34.110	6.11	200	0.64	34.092	5.96	27.35	072	072	0.2192
234	0.60	34.056	5.68	250	0.56	34.054	5.68	27.33	075	075	0.2561
276	0.50	34.051	5.68	300	0.47	34.052	5.64	27.33	074	074	0.2935
360	0.40	34.055	5.57	400	0.39	34.053	5.57	27.34	074	074	0.3679
444	0.38	34.051	5.58								

GYUNGBUG 853 , STATION 106-05 , 37-53.7. N, 129-22.1. E, MAR. 9.1988, 12:25 KST,
 DEPTH 1120 , COLOR 4, TRANS. 13.5, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1027. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	10.81	34.397	6.20	0	10.81	34.397	6.20	26.35	167	167	0.0000
10	10.89	34.396	6.32	10	10.89	34.396	6.32	26.34	169	169	0.0168
20	10.55	34.369	6.33	20	10.55	34.369	6.33	26.38	165	165	0.0335
30	9.85	34.335	6.32	30	9.85	34.335	6.32	26.47	156	156	0.0496
50	8.63	34.309	6.31	50	8.63	34.309	6.31	26.65	139	140	0.0793
75	5.54	34.180	6.00	75	5.54	34.180	6.00	26.98	108	109	0.1105
101	3.11	34.103	6.22	100	3.20	34.105	6.21	27.17	090	090	0.1355
127	2.35	34.087	6.00	125	2.40	34.088	6.01	27.23	085	085	0.1575
153	0.94	34.064	6.03	150	1.10	34.066	6.02	27.31	077	077	0.1778
194	0.74	34.080	6.00	200	0.70	34.079	5.98	27.34	074	074	0.2157
232	0.54	34.075	5.89	250	0.51	34.048	5.72	27.33	075	075	0.2530
266	0.49	34.025	5.58	300	0.45	34.024	5.42	27.31	077	076	0.2910
336	0.42	34.024	5.26	400	0.35	34.024	5.26	27.32	076	075	0.3673
430	0.32	34.024	5.26								

GYUNGBUG 853 , STATION 106-06 , 37-53.7. N, 129-41.3. E, MAR.10.1988, 10:30 KST,
 DEPTH 1620 , COLOR 4, TRANS. 14.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1028. ,
 AIR TEMP. DRY 12.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	10.92	34.349	6.14	0	10.92	34.349	6.14	26.30	173	172	0.0000
10	10.62	34.396	6.32	10	10.62	34.396	6.32	26.39	164	164	0.0168
20	10.59	34.399	6.22	20	10.59	34.399	6.22	26.40	163	163	0.0332
30	10.20	34.297	6.21	30	10.20	34.297	6.21	26.38	164	165	0.0497
50	9.73	34.246	6.22	50	9.73	34.246	6.22	26.42	161	161	0.0824
75	9.47	34.235	6.21	75	9.47	34.235	6.21	26.46	157	159	0.1225
99	9.18	34.228	6.11	100	9.17	34.228	6.09	26.50	153	155	0.1618
119	9.01	34.243	5.89	125	8.62	34.216	5.86	26.58	146	148	0.1998
143	7.46	34.138	5.79	150	6.85	34.130	5.79	26.77	128	130	0.2346
192	3.20	34.082	5.79	200	3.18	34.080	5.77	27.15	092	093	0.2904

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
240	3.12	34.074	5.68	250	2.66	34.072	5.63	27.19	088	089	0.3361
286	1.04	34.069	5.47	300	0.94	34.066	5.43	27.32	076	076	0.3776
365	0.51	34.055	5.26	400	0.46	34.047	5.35	27.33	075	074	0.4533
445	0.40	34.038	5.47								

GYUNGBUG 853 , STATION 106-07 , 37-53.7. N, 130-00.0. E, MAR. 6.1988, 09:05 KST,
 DEPTH 1060 , COLOR 4, TRANS. 14.0, WAVE W 5, SWELL W 2, WIND W 6 , BARO 1024. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	9.53	34.225	6.32	0	9.53	34.225	6.32	26.44	159	159	0.0000
10	9.62	34.230	6.32	10	9.62	34.230	6.32	26.43	160	160	0.0159
20	9.62	34.238	6.11	20	9.62	34.238	6.11	26.44	159	160	0.0320
30	9.61	34.228	6.32	30	9.61	34.228	6.32	26.43	160	160	0.0480
50	9.59	34.227	6.32	50	9.59	34.227	6.32	26.43	160	161	0.0802
75	9.59	34.226	6.11	75	9.59	34.226	6.11	26.43	160	161	0.1205
94	9.54	34.241	6.09	100	9.53	34.240	6.06	26.45	158	160	0.1607
115	9.51	34.240	6.00	125	9.51	34.233	5.90	26.45	158	160	0.2009
136	9.51	34.226	5.79	150	9.50	34.219	5.79	26.44	159	162	0.2412
179	9.49	34.206	5.79	200	9.08	34.166	5.73	26.47	156	160	0.3219
220	8.69	34.128	5.69	250	8.43	34.089	5.56	26.51	152	157	0.4013
265	8.30	34.070	5.50	300	5.74	34.068	5.45	26.87	119	122	0.4712
358	1.52	34.066	5.39	400	1.12	34.056	5.33	27.30	078	078	0.5720
449	0.67	34.045	5.26								

GYUNGBUG 853 , STATION 106-08 , 37-53.7. N, 130-18.9. E, MAR. 6.1988, 07:10 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1024. ,
 ATR TEMP. DRY 8.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	9.85	34.220	6.00	0	9.85	34.220	6.00	26.38	164	164	0.0000
10	9.87	34.232	6.00	10	9.87	34.232	6.00	26.39	164	164	0.0164
20	9.88	34.241	6.32	20	9.88	34.241	6.32	26.39	163	164	0.0328
30	9.86	34.242	6.11	30	9.86	34.242	6.11	26.40	163	163	0.0492
50	9.82	34.298	6.32	50	9.82	34.298	6.32	26.45	158	159	0.0815
75	9.77	34.294	6.11	75	9.77	34.294	6.11	26.45	158	159	0.1214
94	9.75	34.225	6.09	100	9.73	34.228	6.04	26.41	162	164	0.1619
118	9.69	34.238	5.89	125	9.66	34.240	5.85	26.43	160	162	0.2027
141	9.62	34.245	5.79	150	9.61	34.236	5.76	26.44	160	162	0.2434
188	9.60	34.198	5.68	200	9.58	34.172	5.68	26.39	164	167	0.3261
233	9.55	34.104	5.68	250	8.62	34.090	5.63	26.48	155	159	0.4081
273	7.38	34.072	5.58	300	5.75	34.073	5.54	26.87	118	122	0.4787
367	1.71	34.076	5.47	400	1.29	34.059	5.43	27.29	079	079	0.5798
451	0.66	34.035	5.37								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 106-09 , 37-53.7. N, 130-37.7. E, MAR. 6.1988, 05:10 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1024. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	9.70	34.257	6.11	0	9.70	34.257	6.11	26.44	159	159	0.0000
10	9.75	34.239	6.23	10	9.75	34.239	6.23	26.42	161	161	0.0160
20	9.77	34.227	6.23	20	9.77	34.227	6.23	26.40	163	163	0.0323
30	9.78	34.223	6.11	30	9.78	34.223	6.11	26.40	163	163	0.0486
50	9.76	34.220	6.00	50	9.76	34.220	6.00	26.40	163	164	0.0815
75	9.73	34.259	6.00	75	9.73	34.259	6.00	26.43	160	161	0.1222
97	9.71	34.239	5.91	100	9.70	34.238	5.90	26.42	161	163	0.1627
118	9.70	34.238	5.89	125	9.69	34.237	5.85	26.42	161	163	0.2035
139	9.69	34.237	5.79	150	9.67	34.226	5.81	26.42	161	164	0.2445
186	9.63	34.190	5.89	200	9.61	34.180	5.89	26.39	164	167	0.3276
231	9.58	34.159	5.89	250	8.35	34.135	5.80	26.56	148	152	0.4077
276	6.67	34.103	5.68	300	5.40	34.093	5.62	26.93	113	116	0.4750
373	1.57	34.063	5.47	400	1.30	34.058	5.47	27.29	079	079	0.5733
470	0.62	34.048	5.47								

GYUNGBUG 853 , STATION 106-10 , 37-53.7. N, 130-56.5. E, MAR. 6.1988, 03:10 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1024. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	9.83	34.212	6.11	0	9.83	34.212	6.11	26.38	165	164	0.0000
10	9.84	34.221	6.23	10	9.84	34.221	6.23	26.39	164	164	0.0164
20	9.85	34.263	6.21	20	9.85	34.263	6.21	26.42	161	161	0.0328
30	9.84	34.228	6.12	30	9.84	34.228	6.12	26.39	164	164	0.0491
50	9.83	34.246	6.00	50	9.83	34.246	6.00	26.41	162	163	0.0819
75	9.81	34.243	6.00	75	9.81	34.243	6.00	26.41	162	163	0.1228
92	9.79	34.259	5.89	100	9.77	34.252	5.89	26.42	161	163	0.1637
120	9.75	34.236	5.89	125	9.74	34.232	5.86	26.41	162	164	0.2046
140	9.71	34.220	5.80	150	9.67	34.211	5.79	26.41	162	165	0.2459
180	9.58	34.185	5.79	200	9.50	34.177	5.79	26.41	162	166	0.3289
220	9.42	34.169	5.79	250	8.33	34.121	5.63	26.55	149	153	0.4088
261	7.94	34.104	5.58	300	5.06	34.095	5.58	26.97	109	112	0.4752
352	1.23	34.084	5.58	400	0.93	34.061	5.46	27.31	076	077	0.5700
437	0.71	34.045	5.37								

GYUNGBUG 853 , STATION 106-11 , 37-53.7. N, 131-15.1. E, MAR. 6.1988, 01:10 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1025. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CI, AMT 10, WEATHER C

0	9.48	34.279	5.89	0	9.48	34.279	5.89	26.49	154	154	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	9.58	34.282	6.00	10	9.58	34.282	6.00	26.48	156	156	0.0155
20	9.59	34.285	6.32	20	9.59	34.285	6.32	26.48	156	156	0.0311
30	9.56	34.281	6.32	30	9.56	34.281	6.32	26.48	155	156	0.0467
50	9.55	34.300	6.32	50	9.55	34.300	6.32	26.50	154	155	0.0778
75	9.49	34.290	6.21	75	9.49	34.290	6.21	26.50	154	155	0.1166
96	9.33	34.287	6.11	100	9.29	34.280	6.12	26.52	151	153	0.1552
117	9.12	34.253	6.21	125	9.03	34.249	6.16	26.54	150	152	0.1934
138	8.89	34.245	6.09	150	8.65	34.237	6.06	26.59	145	147	0.2308
178	8.10	34.219	6.02	200	7.67	34.143	6.00	26.66	138	141	0.3031
215	7.39	34.092	6.00	250	2.56	34.072	5.89	27.20	087	088	0.3605
251	2.43	34.072	5.89	300	1.63	34.058	5.78	27.26	081	082	0.4032
346	0.88	34.045	5.68	400	0.69	34.044	5.56	27.31	076	076	0.4826
443	0.55	34.044	5.47								

4 月 (April)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, APR.17.1988, 09:10 KST,
 DEPTH 58 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1016. ,
 AIR TEMP. DRY 17.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	12.72	34.495	6.40	0	12.72	34.495	6.40	26.07	194	194	0.0000
10	12.54	34.498	6.61	10	12.54	34.498	6.61	26.11	191	190	0.0192
20	11.96	34.429	6.29	20	11.96	34.429	6.29	26.17	185	185	0.0380
30	7.86	34.307	6.08	30	7.86	34.307	6.08	26.77	128	128	0.0538
50	2.61	34.061	5.98	50	2.61	34.061	5.98	27.19	088	088	0.0755

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, APR.17.1988, 09:40 KST,
 DEPTH 320 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1016. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.32	34.526	6.29	0	13.32	34.526	6.29	25.98	203	203	0.0000
10	12.53	34.530	6.50	10	12.53	34.530	6.50	26.14	188	188	0.0195
20	12.37	34.537	6.20	20	12.37	34.537	6.20	26.17	185	185	0.0382
30	11.56	34.405	6.08	30	11.56	34.405	6.08	26.22	180	180	0.0565
50	9.46	34.327	6.08	50	9.46	34.327	6.08	26.53	150	151	0.0897
75	9.44	34.220	5.97	75	9.44	34.220	5.97	26.45	158	159	0.1286
98	4.43	34.171	6.06	100	4.26	34.158	6.08	27.11	096	097	0.1607
122	2.40	34.019	6.41	125	2.28	34.019	6.39	27.18	089	089	0.1840
145	1.50	34.019	6.33	150	1.45	34.019	6.30	27.24	083	083	0.2057
193	1.04	34.027	6.09	200	0.97	34.030	6.04	27.28	079	079	0.2464
243	0.55	34.050	5.77	250	0.54	34.044	5.72	27.32	075	075	0.2851
297	0.50	34.007	5.45								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-04 , 37-53.7. N, 129-03.8. E, APR.17.1988, 10:25 KST,
 DEPTH 710 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1015. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	14.15	34.527	6.30	0	14.15	34.527	6.30	25.80	220	219	0.0000
10	13.56	34.566	6.40	10	13.56	34.566	6.40	25.96	205	205	0.0212
20	13.38	34.624	6.19	20	13.38	34.624	6.19	26.04	197	197	0.0414
30	12.91	34.558	6.08	30	12.91	34.558	6.08	26.08	193	194	0.0610
50	12.32	34.452	5.87	50	12.32	34.452	5.87	26.12	190	191	0.0995
75	8.92	34.253	5.86	75	8.92	34.253	5.86	26.56	148	149	0.1421
99	4.56	34.152	5.77	100	4.49	34.149	5.78	27.07	099	100	0.1732
121	3.06	34.093	6.10	125	3.03	34.076	6.13	27.16	091	091	0.1972
143	2.94	34.000	6.29	150	2.72	33.999	6.25	27.13	094	094	0.2205
190	1.48	33.996	6.08	200	1.35	33.995	6.03	27.23	084	084	0.2654
237	0.89	33.992	5.87	250	0.84	33.987	5.81	27.26	081	081	0.3070
284	0.71	33.976	5.66	300	0.67	33.977	5.62	27.26	081	081	0.3479
379	0.50	33.984	5.45	400	0.47	33.986	5.45	27.28	079	079	0.4284
471	0.37	33.996	5.45								

GANGWON 867 , STATION 106-05 , 37-53.7. N, 129-22.1. E, APR.17.1988, 11:55 KST,
 DEPTH 1120 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1015. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	14.51	34.596	6.19	0	14.51	34.596	6.19	25.78	222	221	0.0000
10	13.96	34.667	6.27	10	13.96	34.667	6.27	25.95	205	205	0.0213
20	13.70	34.616	6.06	20	13.70	34.616	6.06	25.97	204	204	0.0419
30	13.42	34.547	6.08	30	13.42	34.547	6.08	25.97	204	204	0.0624
50	12.77	34.498	6.09	50	12.77	34.498	6.09	26.06	195	196	0.1024
75	11.61	34.429	6.08	75	11.61	34.429	6.08	26.23	179	180	0.1496
96	8.98	34.271	5.77	100	8.79	34.257	5.75	26.59	145	147	0.1906
120	7.84	34.187	5.68	125	7.47	34.183	5.67	26.73	132	134	0.2258
143	6.15	34.173	5.66	150	5.47	34.154	5.64	26.97	109	111	0.2565
188	1.81	34.054	5.56	200	1.66	34.039	5.58	27.25	083	083	0.3051
233	1.26	34.000	5.66	250	1.10	34.004	5.62	27.26	082	082	0.3466
285	0.78	34.015	5.56	300	0.74	34.013	5.54	27.29	079	079	0.3870
389	0.54	34.007	5.44	400	0.52	34.003	5.42	27.29	078	078	0.4659
487	0.44	33.980	5.30								

GANGWON 867 , STATION 106-06 , 37-53.7. N, 129-41.3. E, APR.23.1988, 10:55 KST,
 DEPTH 1620 , COLOR 3, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1001. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	11.55	34.415	6.08	0	11.55	34.415	6.08	26.23	179	178	0.0000
10	11.17	34.415	5.98	10	11.17	34.415	5.98	26.30	172	172	0.0175

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	10.88	34.415	5.77	20	10.88	34.415	5.77	26.36	167	167	0.0345
30	9.34	34.366	5.66	30	9.34	34.366	5.66	26.58	146	146	0.0502
50	6.15	34.296	5.56	50	6.15	34.296	5.56	26.99	107	107	0.0756
75	2.72	34.253	5.87	75	2.72	34.253	5.87	27.33	075	075	0.0985
100	1.49	34.132	5.56	100	1.49	34.132	5.56	27.33	075	075	0.1173
124	1.16	34.008	5.35	125	1.15	34.007	5.34	27.26	082	082	0.1369
149	0.93	34.002	5.25	150	0.92	34.001	5.24	27.26	081	081	0.1573
197	0.88	33.986	5.14	200	0.87	33.988	5.16	27.26	082	081	0.1982
247	0.83	34.024	5.56	250	0.80	34.022	5.56	27.29	079	078	0.2384
295	0.49	34.005	5.56	300	0.48	34.003	5.54	27.29	078	078	0.2777
390	0.43	33.984	5.25	400	0.42	33.985	5.26	27.28	079	079	0.3566
485	0.42	34.000	5.35								

GANGWON 867 , STATION 106-07 , 37-53.7. N, 130-00.0. E, APR.23.1988, 12:30 KST,
 DEPTH 1060 , COLOR 4, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 999.5,
 AIR TEMP. DRY 20.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	13.58	34.564	6.19	0	13.58	34.564	6.19	25.95	206	205	0.0000
10	13.34	34.574	6.17	10	13.34	34.574	6.17	26.01	200	200	0.0203
20	13.02	34.569	5.86	20	13.02	34.569	5.86	26.07	194	195	0.0400
30	12.81	34.516	5.65	30	12.81	34.516	5.65	26.07	194	195	0.0596
50	12.31	34.507	5.56	50	12.31	34.507	5.56	26.16	186	187	0.0978
75	10.80	34.530	5.35	75	10.80	34.530	5.35	26.46	157	159	0.1411
98	8.96	34.442	5.35	100	8.35	34.412	5.35	26.77	127	129	0.1771
122	1.69	34.090	5.45	125	1.61	34.084	5.45	27.28	079	079	0.2032
144	1.11	34.046	5.47	150	1.06	34.048	5.48	27.29	078	078	0.2230
193	0.73	34.070	5.56	200	0.71	34.065	5.54	27.33	075	075	0.2614
238	0.61	34.044	5.45	250	0.58	34.032	5.44	27.31	077	076	0.2994
282	0.51	34.001	5.44	300	0.47	34.002	5.44	27.29	078	078	0.3382
383	0.34	34.010	5.45	400	0.33	34.008	5.45	27.30	077	077	0.4159
488	0.29	33.999	5.45								

GANGWON 867 , STATION 106-08 , 37-53.7. N, 130-18.9. E, APR.23.1988, 16:00 KST,
 DEPTH 1800 , COLOR 4, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 999.5,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	13.81	34.567	6.19	0	13.81	34.567	6.19	25.91	210	210	0.0000
10	13.77	34.628	6.20	10	13.77	34.628	6.20	25.96	205	205	0.0207
20	13.70	34.627	6.08	20	13.70	34.627	6.08	25.98	203	203	0.0412
30	13.63	34.619	6.08	30	13.63	34.619	6.08	25.98	202	203	0.0615
50	13.52	34.584	5.87	50	13.52	34.584	5.87	25.98	203	204	0.1023
75	13.34	34.536	5.77	75	13.34	34.536	5.77	25.98	203	205	0.1535

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
98	12.99	34.507	5.56	100	12.90	34.505	5.55	26.04	197	199	0.2041
124	11.86	34.486	5.45	125	11.60	34.474	5.44	26.27	175	178	0.2513
149	5.58	34.199	5.25	150	5.49	34.194	5.25	27.00	106	108	0.2872
195	1.72	33.994	5.66	200	1.68	33.993	5.63	27.21	086	087	0.3361
238	1.42	33.992	5.46	250	1.28	33.997	5.43	27.24	083	084	0.3789
282	0.94	34.012	5.35	300	0.88	34.016	5.33	27.28	080	080	0.4200
380	0.64	34.035	5.25	400	0.62	34.025	5.28	27.30	077	077	0.4988
481	0.58	33.989	5.45								

GANGWON 867 , STATION 106-09 , 37-53.7. N, 130-37.7. E, APR.23.1988, 17:30 KST,
 DEPTH 2250 , COLOR 4, TRANS. 11.5, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 999.5,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	13.37	34.530	6.29	0	13.37	34.530	6.29	25.97	204	204	0.0000
10	12.78	34.485	6.40	10	12.78	34.485	6.40	26.05	196	196	0.0200
20	12.63	34.482	6.30	20	12.63	34.482	6.30	26.08	193	194	0.0395
30	12.51	34.479	6.08	30	12.51	34.479	6.08	26.10	191	192	0.0588
50	12.12	34.469	5.98	50	12.12	34.469	5.98	26.17	185	186	0.0967
75	12.02	34.469	5.66	75	12.02	34.469	5.66	26.19	183	185	0.1431
101	11.84	34.450	5.35	100	11.84	34.450	5.36	26.21	181	183	0.1893
125	3.71	34.195	5.25	125	3.71	34.195	5.25	27.19	088	088	0.2234
151	2.37	34.033	5.35	150	2.42	34.039	5.34	27.19	088	089	0.2457
201	1.71	33.987	5.56	200	1.72	33.987	5.55	27.20	087	087	0.2900
252	0.90	34.013	5.45	250	0.93	34.011	5.45	27.27	080	080	0.3321
293	0.78	34.033	5.45	300	0.76	34.031	5.44	27.30	078	078	0.3717
382	0.56	34.010	5.35	400	0.55	34.006	5.33	27.29	078	078	0.4501
477	0.54	33.992	5.25								

GANGWON 867 , STATION 106-10 , 37-53.7. N, 130-56.5. E, APR.23.1988, 19:05 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 999.5,
 ATR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	12.53	34.468	6.19	0	12.53	34.468	6.19	26.09	193	192	0.0000
10	12.12	34.442	6.19	10	12.12	34.442	6.19	26.15	187	187	0.0190
20	12.16	34.458	6.08	20	12.16	34.458	6.08	26.15	186	187	0.0377
30	12.16	34.374	6.08	30	12.16	34.374	6.08	26.09	193	193	0.0567
50	12.16	34.315	5.77	50	12.16	34.315	5.77	26.04	197	198	0.0959
75	12.09	34.222	5.56	75	12.09	34.222	5.56	25.98	203	204	0.1463
97	11.04	34.195	5.77	100	10.65	34.195	5.72	26.22	180	181	0.1946
120	8.11	34.195	5.45	125	7.10	34.186	5.40	26.78	127	129	0.2335
142	3.69	34.157	5.25	150	3.28	34.133	5.26	27.18	089	089	0.2608

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
188	1.38	34.023	5.35	200	1.33	34.017	5.40	27.25	082	082	0.3040
234	1.21	34.003	5.56	250	1.04	33.995	5.52	27.25	082	082	0.3453
282	0.72	33.980	5.45	300	0.70	33.982	5.41	27.26	081	081	0.3863
385	0.62	33.996	5.25	400	0.58	33.994	5.26	27.28	080	079	0.4669
483	0.40	33.984	5.35								

GANGWON 867 , STATION 106-11 , 37-53.7. N, 131-15.1. E, APR.23.1988, 20:35 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 999.5,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	12.57	34.546	6.21	0	12.57	34.546	6.21	26.14	188	187	0.0000
10	12.19	34.570	6.40	10	12.19	34.570	6.40	26.23	179	179	0.0183
20	12.16	34.491	6.19	20	12.16	34.491	6.19	26.18	184	184	0.0365
30	12.16	34.390	6.29	30	12.16	34.390	6.29	26.10	191	192	0.0554
50	12.12	34.337	5.98	50	12.12	34.337	5.98	26.07	195	196	0.0942
75	12.06	34.314	5.77	75	12.06	34.314	5.77	26.06	195	197	0.1434
98	11.81	34.236	5.56	100	11.50	34.237	5.56	26.10	191	193	0.1922
122	8.14	34.257	5.56	125	7.39	34.245	5.54	26.79	126	128	0.2325
140	3.69	34.188	5.45	150	3.39	34.148	5.45	27.19	088	089	0.2597
183	2.40	34.020	5.45	200	2.16	34.021	5.45	27.19	088	088	0.3043
233	1.71	34.023	5.46	250	1.38	34.013	5.49	27.24	083	083	0.3474
282	0.77	33.996	5.56	300	0.75	33.993	5.50	27.27	081	080	0.3885
378	0.71	33.984	5.25	400	0.68	33.982	5.27	27.26	081	081	0.4696
472	0.59	33.978	5.35								

6 月(June)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, JUN. 8.1988, 09:50 KST,
 DEPTH 58 , COLOR 6, TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 996.8,
 AIR TEMP. DRY 18.3, WET , CLOUD. TYPE , AMT 09, WEATHER R

0	16.74	33.792	6.23	0	16.74	33.792	6.23	24.66	328	328	0.0000
10	14.65	33.967	6.54	10	14.65	33.967	6.54	25.27	271	271	0.0299
20	8.42	34.074	6.14	20	8.42	34.074	6.14	26.50	153	154	0.0512
30	6.69	34.066	6.04	30	6.69	34.066	6.04	26.74	130	131	0.0654
50	4.16	34.058	5.92	50	4.16	34.058	5.92	27.04	102	103	0.0889

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, JUN. 8.1988, 09:10 KST,
 DEPTH 320 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 999.5,
 AIR TEMP. DRY 17.4, WET , CLOUD. TYPE , AMT 09, WEATHER R

0	16.73	33.787	6.33	0	16.73	33.787	6.33	24.66	328	328	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	15.80	34.033	6.54	10	15.80	34.033	6.54	25.06	290	290	0.0309
20	10.65	34.062	5.81	20	10.65	34.062	5.81	26.12	189	189	0.0549
30	5.16	34.150	5.81	30	5.16	34.150	5.81	27.00	106	106	0.0697
50	2.17	34.072	5.93	50	2.17	34.072	5.93	27.23	084	084	0.0888
75	2.11	34.013	6.04	75	2.11	34.013	6.04	27.19	088	088	0.1104
96	1.24	34.003	6.24	100	1.17	34.002	6.24	27.25	082	082	0.1318
119	0.86	33.998	6.24	125	0.82	33.992	6.19	27.26	081	081	0.1523
146	0.69	33.971	6.04	150	0.67	33.972	6.02	27.26	082	081	0.1727
190	0.54	33.987	5.84	200	0.52	33.991	5.81	27.28	079	079	0.2131
230	0.47	34.004	5.72	250	0.45	33.994	5.68	27.29	079	078	0.2527
300	0.43	33.972	5.61	300	0.43	33.972	5.61	27.27	080	080	0.2926

GANGWON 867 , STATION 106-04 , 37-53.7. N, 129-03.8. E, JUN. 8.1988, 08:20 KST,
 DEPTH 710 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 998. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE , AMT , WEATHER

0	18.24	33.959	6.11	0	18.24	33.959	6.11	24.43	350	350	0.0000
10	16.20	34.060	6.34	10	16.20	34.060	6.34	24.99	297	297	0.0323
20	13.02	34.119	6.12	20	13.02	34.119	6.12	25.72	227	228	0.0586
30	10.77	34.199	5.84	30	10.77	34.199	5.84	26.21	181	182	0.0791
50	7.00	34.197	5.81	50	7.00	34.197	5.81	26.80	125	125	0.1099
75	3.55	34.080	5.92	75	3.55	34.080	5.92	27.12	095	095	0.1375
95	1.76	34.033	6.02	100	1.74	34.035	6.06	27.24	084	084	0.1600
121	1.69	34.046	6.23	125	1.50	34.043	6.19	27.26	081	081	0.1808
143	0.69	34.033	6.02	150	0.67	34.030	5.98	27.30	077	077	0.2007
187	0.57	34.016	5.82	200	0.54	34.018	5.80	27.30	077	077	0.2395
247	0.45	34.029	5.73	250	0.44	34.025	5.71	27.31	076	076	0.2780
298	0.36	33.976	5.50	300	0.36	33.976	5.49	27.28	080	079	0.3170
395	0.36	33.996	5.40	400	0.35	33.994	5.40	27.29	078	078	0.3960
497	0.30	33.972	5.60								

GANGWON 867 , STATION 106-05 , 37-53.7. N, 129-22.1. E, JUN. 8.1988, 06:50 KST,
 DEPTH 1120 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1001.5,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE , AMT , WEATHER

0	19.14	34.148	6.14	0	19.14	34.148	6.14	24.35	358	358	0.0000
10	18.35	34.382	6.04	10	18.35	34.382	6.04	24.73	322	322	0.0340
20	16.92	34.382	5.81	20	16.92	34.382	5.81	25.07	289	289	0.0646
30	15.82	34.387	5.81	30	15.82	34.387	5.81	25.33	264	265	0.0924
50	14.90	34.511	5.61	50	14.90	34.511	5.61	25.63	236	237	0.1427
75	12.53	34.298	5.61	75	12.53	34.298	5.61	25.96	205	207	0.1983

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
100	6.79	34.194	5.40	100	6.79	34.194	5.40	26.83	122	123	0.2396
122	5.00	34.132	5.50	125	4.98	34.122	5.47	27.00	106	107	0.2686
145	4.86	34.061	5.29	150	4.84	34.062	5.27	26.97	109	110	0.2959
188	4.72	34.075	5.19	200	4.57	34.062	5.22	27.00	106	108	0.3507
232	4.17	34.030	5.30	250	3.97	34.024	5.34	27.03	103	105	0.4042
272	3.73	34.018	5.41	300	2.94	34.012	5.37	27.12	095	096	0.4547
367	1.05	33.998	5.29	400	0.84	33.990	5.32	27.26	081	081	0.5439
462	0.46	33.977	5.40								

GANGWON 867 , STATION 106-06 , 37-53.7. N, 129-41.3. E, JUN. 8.1988, 05:20 KST,
 DEPTH 1620 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1003.5,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE , AMT , WEATHER

0	19.41	34.225	5.92	0	19.41	34.225	5.92	24.34	359	359	0.0000
10	18.15	34.421	6.03	10	18.15	34.421	6.03	24.81	314	314	0.0337
20	16.98	34.461	6.02	20	16.98	34.461	6.02	25.12	285	285	0.0637
30	16.03	34.577	5.60	30	16.03	34.577	5.60	25.43	255	256	0.0908
50	14.66	34.451	5.48	50	14.66	34.451	5.48	25.64	235	237	0.1401
75	12.81	34.407	5.48	75	12.81	34.407	5.48	25.99	202	204	0.1952
96	12.48	34.283	5.28	100	11.93	34.282	5.28	26.06	195	197	0.2455
122	8.95	34.282	5.28	125	8.75	34.267	5.28	26.60	144	146	0.2886
145	7.44	34.167	5.29	150	6.94	34.154	5.29	26.78	127	129	0.3231
192	2.78	34.054	5.29	200	2.56	34.049	5.29	27.18	089	089	0.3780
238	1.56	34.029	5.29	250	1.39	34.022	5.32	27.25	082	082	0.4212
272	1.09	34.011	5.40	300	0.99	33.997	5.43	27.26	082	082	0.4625
365	0.79	33.967	5.50	400	0.65	33.997	5.45	27.28	080	079	0.5436
443	0.48	34.035	5.40								

GANGWON 867 , STATION 106-07 , 37-53.7. N, 130-00.0. E, JUN. 8.1988, 03:40 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1003.5,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE , AMT , WEATHER

0	18.73	34.341	5.93	0	18.73	34.341	5.93	24.60	334	334	0.0000
10	16.60	34.334	5.61	10	16.60	34.334	5.61	25.11	285	285	0.0310
20	15.70	34.401	5.71	20	15.70	34.401	5.71	25.37	261	261	0.0583
30	14.39	34.421	5.61	30	14.39	34.421	5.61	25.67	232	233	0.0831
50	12.86	34.393	5.29	50	12.86	34.393	5.29	25.96	204	205	0.1270
75	10.00	34.306	5.29	75	10.00	34.306	5.29	26.43	161	162	0.1730
104	9.63	34.272	4.99	100	9.68	34.276	5.03	26.46	158	159	0.2132
123	9.40	34.268	5.09	125	9.39	34.258	5.08	26.49	154	157	0.2528
146	9.34	34.158	4.98	150	9.31	34.155	4.99	26.42	161	164	0.2930

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
190	9.11	34.131	5.19	200	7.95	34.115	5.23	26.60	144	147	0.3708
238	3.58	34.056	5.40	250	3.13	34.043	5.40	27.13	094	095	0.4316
287	1.77	34.004	5.40	300	1.61	34.005	5.41	27.22	085	086	0.4771
372	0.78	34.017	5.50	400	0.69	33.999	5.53	27.28	080	080	0.5601
453	0.54	33.967	5.60								

GANGWON 867 , STATION 106-08 , 37-53.7. N, 130-18.9. E, JUN. 8.1988, 02:05 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1003. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT , WEATHER

0	18.35	34.366	6.12	0	18.35	34.366	6.12	24.71	323	323	0.0000
10	17.27	34.364	5.92	10	17.27	34.364	5.92	24.98	298	298	0.0311
20	15.77	34.368	5.79	20	15.77	34.368	5.79	25.33	265	265	0.0593
30	11.17	34.386	5.69	30	11.17	34.386	5.69	26.28	174	175	0.0813
50	10.21	34.261	5.39	50	10.21	34.261	5.39	26.35	167	168	0.1157
75	9.53	34.226	5.29	75	9.53	34.226	5.29	26.44	159	160	0.1568
93	9.47	34.220	5.19	100	9.46	34.224	5.21	26.45	158	160	0.1969
117	9.45	34.236	5.29	125	9.42	34.231	5.33	26.46	157	159	0.2369
139	9.37	34.223	5.40	150	9.29	34.228	5.40	26.48	155	158	0.2766
189	9.04	34.247	5.40	200	8.62	34.232	5.42	26.59	145	148	0.3533
240	7.12	34.182	5.50	250	6.09	34.145	5.47	26.88	117	120	0.4206
287	2.30	34.012	5.40	300	2.08	34.011	5.40	27.19	088	089	0.4731
371	0.93	34.006	5.40	400	0.83	33.998	5.42	27.27	081	081	0.5583
475	0.60	33.980	5.50								

GANGWON 867 , STATION 106-09 , 37-53.7. N, 130-37.7. E, JUN. 8.1988, 00:25 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1003.5,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT , WEATHER

0	18.08	34.262	6.24	0	18.08	34.262	6.24	24.70	324	324	0.0000
10	15.90	34.241	6.23	10	15.90	34.241	6.23	25.20	277	277	0.0300
20	12.43	34.246	6.02	20	12.43	34.246	6.02	25.94	207	207	0.0543
30	10.50	34.228	5.71	30	10.50	34.228	5.71	26.28	174	175	0.0735
50	9.99	34.212	5.40	50	9.99	34.212	5.40	26.35	167	168	0.1078
75	9.50	34.225	5.19	75	9.50	34.225	5.19	26.45	159	160	0.1489
98	9.44	34.202	5.09	100	9.43	34.201	5.09	26.44	159	161	0.1892
124	9.42	34.201	5.19	125	9.41	34.198	5.18	26.44	159	161	0.2296
143	9.40	34.154	5.09	150	9.37	34.151	5.10	26.41	162	165	0.2705
187	9.27	34.140	5.19	200	9.17	34.112	5.19	26.41	162	165	0.3533
231	8.95	34.046	5.19	250	8.45	34.043	5.26	26.47	156	160	0.4349
285	7.53	34.039	5.40	300	6.60	34.037	5.41	26.73	131	135	0.5091
380	1.64	34.029	5.50	400	1.41	34.022	5.47	27.25	082	083	0.6188
464	0.69	34.000	5.40								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-10 , 37-53.7. N, 130-56.5. E, JUN. 7.1988, 22:55 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1003.5,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT , WEATHER

0	17.62	34.288	6.33	0	17.62	34.288	6.33	24.83	312	311	0.0000
10	16.17	34.343	6.02	10	16.17	34.343	6.02	25.22	275	275	0.0293
20	12.66	34.283	6.02	20	12.66	34.283	6.02	25.92	209	209	0.0536
30	11.00	34.277	5.61	30	11.00	34.277	5.61	26.23	179	180	0.0731
50	9.79	34.263	5.19	50	9.79	34.263	5.19	26.43	160	161	0.1072
75	9.61	34.185	4.98	75	9.61	34.185	4.98	26.40	163	164	0.1480
95	9.49	34.191	4.98	100	9.48	34.187	4.96	26.42	161	163	0.1891
128	9.47	34.166	4.88	125	9.47	34.168	4.88	26.41	162	164	0.2301
150	9.44	34.076	4.98	150	9.44	34.076	4.98	26.34	169	171	0.2722
178	9.41	34.041	4.98	200	6.99	34.010	5.22	26.66	138	141	0.3506
215	5.34	33.990	5.40	250	3.99	33.984	5.40	27.00	106	108	0.4132
286	2.62	33.978	5.41	300	2.48	33.979	5.42	27.13	093	095	0.4641
370	1.82	33.984	5.50	400	1.39	33.978	5.50	27.22	086	086	0.5550
462	0.51	33.967	5.50								

GANGWON 867 , STATION 106-11 , 37-53.7. N, 131-15.1. E, JUN. 7.1988, 21:10 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1003.5,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE , AMT , WEATHER

0	17.47	34.261	6.23	0	17.47	34.261	6.23	24.85	310	310	0.0000
10	16.93	34.247	5.92	10	16.93	34.247	5.92	24.97	299	299	0.0305
20	16.69	34.222	6.02	20	16.69	34.222	6.02	25.00	296	296	0.0602
30	15.01	34.230	5.72	30	15.01	34.230	5.72	25.39	259	259	0.0881
50	10.89	34.217	5.61	50	10.89	34.217	5.61	26.20	182	183	0.1324
75	9.70	34.221	5.41	75	9.70	34.221	5.41	26.41	162	163	0.1757
100	9.61	34.216	5.31	100	9.61	34.216	5.31	26.42	161	163	0.2166
120	9.51	34.183	5.29	125	9.49	34.182	5.16	26.41	162	164	0.2575
137	9.47	34.182	4.88	150	9.45	34.171	4.91	26.41	162	164	0.2987
177	9.42	34.149	4.98	200	9.39	34.110	4.98	26.37	165	169	0.3823
227	9.37	34.066	4.98	250	9.20	34.075	5.12	26.38	165	169	0.4672
276	9.01	34.087	5.29	300	7.52	34.065	5.38	26.63	141	146	0.5463
360	3.81	34.013	5.61	400	2.78	34.010	5.61	27.13	093	095	0.6674
465	1.12	34.006	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, AUG. 4.1988, 09:30 KST,
 DEPTH 58 , COLOR 4, TRANS. 14.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 999. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.45	32.623	5.09	0	22.45	32.623	5.09	22.31	553	553	0.0000
10	21.19	33.612	5.19	10	21.19	33.612	5.19	23.40	448	448	0.0500
20	16.20	33.444	5.42	20	16.20	33.444	5.42	24.52	342	342	0.0896
30	13.11	34.317	5.72	30	13.11	34.317	5.72	25.86	215	215	0.1175
50	5.20	34.007	5.93	50	5.20	34.007	5.93	26.88	117	117	0.1508

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, AUG. 4.1988, 08:45 KST,
 DEPTH 320 , COLOR 4, TRANS. 14.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 998.5,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.03	33.495	5.19	0	23.03	33.495	5.19	22.80	506	505	0.0000
10	17.11	34.197	5.40	10	17.11	34.197	5.40	24.89	307	307	0.0406
20	14.05	34.234	5.39	20	14.05	34.234	5.39	25.60	239	239	0.0680
30	8.96	34.115	5.51	30	8.96	34.115	5.51	26.45	158	159	0.0879
50	4.54	34.044	5.94	50	4.54	34.044	5.94	26.99	107	108	0.1146
75	3.19	33.998	5.92	75	3.19	33.998	5.92	27.09	098	098	0.1404
93	3.12	33.979	5.83	100	2.91	33.999	5.77	27.11	095	096	0.1648
123	2.23	34.067	5.61	125	2.21	34.063	5.63	27.22	085	085	0.1875
146	2.02	34.029	5.92	150	1.94	34.026	5.90	27.21	086	086	0.2090
196	1.02	33.998	5.71	200	0.99	33.996	5.71	27.26	082	082	0.2512
246	0.67	33.973	5.81	250	0.65	33.969	5.78	27.26	082	082	0.2922
298	0.53	33.932	5.50								

GANGWON 867 , STATION 106-04 , 37-53.7. N, 129-03.8. E, AUG. 4.1988, 07:50 KST,
 DEPTH 710 , COLOR 4, TRANS. 14.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 998. ,
 AIR TEMP. DRY 23.4, WET , CLOUD. TYPE , AMT , WEATHER F

0	22.89	33.237	5.20	0	22.89	33.237	5.20	22.65	520	520	0.0000
10	19.41	33.551	5.41	10	19.41	33.551	5.41	23.83	408	408	0.0464
20	18.36	33.827	5.31	20	18.36	33.827	5.31	24.30	363	363	0.0850
30	12.43	34.087	5.37	30	12.43	34.087	5.37	25.81	219	219	0.1141
50	8.40	34.234	5.70	50	8.40	34.234	5.70	26.63	141	142	0.1503
75	4.08	33.974	5.83	75	4.08	33.974	5.83	26.98	108	108	0.1817
95	2.93	34.046	5.74	100	2.69	34.035	5.72	27.16	091	091	0.2068

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
120	1.73	33.994	5.66	125	1.71	34.008	5.70	27.22	086	086	0.2290
145	1.66	34.065	5.86	150	1.60	34.055	5.84	27.26	081	081	0.2500
197	1.07	33.970	5.66	200	1.05	33.969	5.65	27.23	084	084	0.2916
246	0.86	33.962	5.63	250	0.83	33.959	5.61	27.24	084	083	0.3337
285	0.62	33.939	5.53	300	0.59	33.943	5.52	27.24	083	083	0.3756
389	0.45	33.970	5.51	400	0.43	33.966	5.49	27.27	081	080	0.4578
482	0.34	33.940	5.40								

GANGWON 867 , STATION 106-05 , 37-53.7. N, 129-22.1. E, AUG. 4.1988, 06:15 KST,
 DEPTH 1120 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 998. ,
 AIR TEMP. DRY 22.5, WET , CLOUD. TYPE , AMT , WEATHER F

0	23.42	33.684	5.29	0	23.42	33.684	5.29	22.83	503	502	0.0000
10	22.09	34.122	5.50	10	22.09	34.122	5.50	23.54	435	435	0.0469
20	22.05	34.208	5.61	20	22.05	34.208	5.61	23.62	428	428	0.0901
30	16.90	34.224	5.50	30	16.90	34.224	5.50	24.96	300	301	0.1266
50	15.04	34.413	5.50	50	15.04	34.413	5.50	25.52	246	247	0.1814
75	12.68	34.158	5.41	75	12.68	34.158	5.41	25.82	218	220	0.2399
98	8.09	34.168	5.40	100	7.85	34.164	5.41	26.65	139	140	0.2850
125	4.97	34.121	5.61	125	4.97	34.121	5.61	27.00	106	107	0.3161
145	3.80	34.111	5.61	150	3.60	34.107	5.57	27.13	093	094	0.3413
190	2.06	34.079	5.29	200	1.80	34.064	5.29	27.25	082	082	0.3857
235	0.89	34.013	5.31	250	0.83	33.998	5.33	27.27	081	080	0.4266
284	0.70	33.967	5.40	300	0.66	33.969	5.38	27.25	082	082	0.4674
382	0.51	33.985	5.29	400	0.47	33.975	5.34	27.27	080	080	0.5487
480	0.34	33.933	5.61								

GANGWON 867 , STATION 106-06 , 37-53.7. N, 129-41.3. E, AUG. 4.1988, 04:40 KST,
 DEPTH 1620 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 999. ,
 AIR TEMP. DRY 22.2, WET , CLOUD. TYPE , AMT , WEATHER F

0	22.90	33.680	5.40	0	22.90	33.680	5.40	22.98	489	488	0.0000
10	22.32	34.070	5.48	10	22.32	34.070	5.48	23.44	445	445	0.0467
20	21.99	34.265	5.20	20	21.99	34.265	5.20	23.68	422	422	0.0901
30	16.71	34.346	5.31	30	16.71	34.346	5.31	25.10	287	288	0.1256
50	14.52	34.445	5.26	50	14.52	34.445	5.26	25.66	233	234	0.1779
75	12.23	34.589	5.19	75	12.23	34.589	5.19	26.24	178	180	0.2297
96	10.17	34.495	5.29	100	9.99	34.467	5.29	26.55	149	150	0.2711
119	9.19	34.339	5.29	125	8.39	34.321	5.23	26.70	135	137	0.3071
140	6.42	34.278	5.09	150	6.26	34.273	5.06	26.96	110	111	0.3383
184	5.75	34.257	4.98	200	4.96	34.161	5.04	27.03	103	105	0.3926

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
228	3.60	33.994	5.17	250	2.37	34.014	5.31	27.17	090	091	0.4418
262	1.71	34.025	5.40	300	1.26	34.010	5.44	27.25	082	083	0.4854
362	0.55	33.986	5.51	400	0.51	33.975	5.50	27.27	081	080	0.5673
474	0.44	33.954	5.50								

GANGWON 867 , STATION 106-07 , 37-53.7. N, 130-00.0. E, AUG. 4.1988, 03:00 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 999. ,
 AIR TEMP. DRY 22.8, WET , CLOUD. TYPE , AMT , WEATHER F

0	22.65	33.679	5.40	0	22.65	33.679	5.40	23.05	482	482	0.0000
10	22.26	33.921	5.50	10	22.26	33.921	5.50	23.34	454	454	0.0468
20	22.19	34.335	5.31	20	22.19	34.335	5.31	23.68	422	423	0.0907
30	19.13	34.394	5.28	30	19.13	34.394	5.28	24.54	340	340	0.1289
50	15.98	34.443	5.09	50	15.98	34.443	5.09	25.34	264	265	0.1895
75	13.00	34.476	5.07	75	13.00	34.476	5.07	26.00	201	202	0.2481
98	11.00	34.379	4.97	100	10.90	34.374	4.95	26.32	171	172	0.2950
123	9.84	34.323	4.78	125	9.77	34.321	4.78	26.48	156	158	0.3365
143	9.16	34.311	4.86	150	9.00	34.302	4.91	26.59	145	148	0.3748
175	8.44	34.271	5.09	200	6.59	34.182	5.14	26.85	121	123	0.4428
218	5.26	34.118	5.19	250	3.48	34.065	5.26	27.11	095	097	0.4980
261	2.87	34.048	5.29	300	2.49	34.009	5.37	27.16	091	092	0.5456
359	1.94	33.951	5.50								
388	1.67	33.958	5.51								

GANGWON 867 , STATION 106-08 , 37-53.7. N, 130-18.9. E, AUG. 4.1988, 01:35 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 999. ,
 AIR TEMP. DRY 23.0, WET , CLOUD. TYPE , AMT , WEATHER F

0	22.94	33.675	5.29	0	22.94	33.675	5.29	22.96	490	490	0.0000
10	22.92	34.146	5.40	10	22.92	34.146	5.40	23.33	456	456	0.0473
20	22.89	34.290	5.29	20	22.89	34.290	5.29	23.44	444	445	0.0923
30	18.54	34.404	5.40	30	18.54	34.404	5.40	24.70	325	326	0.1309
50	15.15	34.469	5.21	50	15.15	34.469	5.21	25.54	244	245	0.1881
75	12.82	34.452	5.08	75	12.82	34.452	5.08	26.02	199	201	0.2440
99	10.84	34.313	4.66	100	10.77	34.311	4.67	26.29	173	175	0.2911
123	9.39	34.282	4.97	125	9.35	34.278	4.99	26.51	152	155	0.3324
144	9.04	34.240	5.19	150	9.00	34.227	5.16	26.53	151	153	0.3710
188	8.76	34.148	4.98	200	8.13	34.137	5.03	26.59	145	148	0.4465
238	6.15	34.103	5.19	250	5.57	34.084	5.24	26.90	116	118	0.5133
289	3.69	34.023	5.41	300	3.20	34.008	5.46	27.09	097	099	0.5678
345	1.24	33.951	5.71	400	0.91	33.963	5.64	27.24	084	084	0.6596
435	0.71	33.972	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-09 , 37-53.7. N, 130-37.7. E, AUG. 4.1988, 00:50 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 999. ,
 AIR TEMP. DRY 23.4, WET , CLOUD. TYPE , AMT , WEATHER F

0	23.22	33.527	5.31	0	23.22	33.527	5.31	22.77	509	508	0.0000
10	21.82	34.074	5.41	10	21.82	34.074	5.41	23.58	431	431	0.0470
20	19.18	34.254	5.27	20	19.18	34.254	5.27	24.42	351	352	0.0862
30	15.11	34.425	5.19	30	15.11	34.425	5.19	25.52	247	247	0.1162
50	11.89	34.501	5.07	50	11.89	34.501	5.07	26.24	178	179	0.1589
75	11.08	34.416	4.67	75	11.08	34.416	4.67	26.32	170	172	0.2029
92	10.05	34.337	4.67	100	9.92	34.324	4.79	26.45	158	160	0.2445
126	9.51	34.284	5.19	125	9.52	34.285	5.17	26.49	154	157	0.2842
152	9.28	34.279	5.31	150	9.29	34.279	5.30	26.52	151	154	0.3231
197	8.85	34.286	5.40	200	8.72	34.279	5.39	26.61	143	146	0.3984
246	6.75	34.174	5.29	250	6.44	34.161	5.30	26.85	120	124	0.4660
289	3.50	34.036	5.50	300	3.19	34.027	5.52	27.11	096	097	0.5215
375	1.08	33.967	5.71	400	0.94	33.969	5.64	27.24	083	084	0.6124
462	0.61	33.976	5.50								

GANGWON 867 , STATION 106-10 , 37-53.7. N, 130-56.5. E, AUG. 3.1988, 22:45 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 999. ,
 AIR TEMP. DRY 23.4, WET , CLOUD. TYPE , AMT , WEATHER F

0	23.13	33.677	5.29	0	23.13	33.677	5.29	22.91	495	495	0.0000
10	22.11	34.194	5.40	10	22.11	34.194	5.40	23.59	430	430	0.0463
20	19.77	34.311	5.40	20	19.77	34.311	5.40	24.31	362	362	0.0859
30	16.70	34.528	5.31	30	16.70	34.528	5.31	25.24	273	274	0.1178
50	14.63	34.500	4.98	50	14.63	34.500	4.98	25.68	231	232	0.1685
75	12.58	34.454	4.76	75	12.58	34.454	4.76	26.07	195	196	0.2222
96	11.04	34.419	4.67	100	10.96	34.415	4.69	26.34	168	170	0.2681
126	10.45	34.391	4.89	125	10.46	34.391	4.88	26.41	162	164	0.3101
148	9.63	34.306	5.20	150	9.59	34.304	5.20	26.49	154	157	0.3503
195	8.77	34.265	5.41	200	8.46	34.259	5.42	26.64	140	144	0.4257
243	5.86	34.210	5.51	250	5.56	34.192	5.50	26.99	107	110	0.4894
286	4.06	34.101	5.50	300	3.57	34.085	5.51	27.12	095	097	0.5414
373	1.04	34.005	5.61	400	0.93	34.005	5.57	27.27	081	081	0.6306
470	0.66	34.007	5.50								

GANGWON 867 , STATION 106-11 , 37-53.7. N, 131-15.1. E, AUG. 3.1988, 21:10 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 999. ,
 AIR TEMP. DRY 23.5, WET , CLOUD. TYPE , AMT , WEATHER

0	23.32	33.783	5.29	0	23.32	33.783	5.29	22.94	493	493	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	22.51	34.164	5.40	10	22.51	34.164	5.40	23.46	443	443	0.0468
20	21.62	34.134	5.40	20	21.62	34.134	5.40	23.68	422	422	0.0901
30	13.31	34.123	5.31	30	13.31	34.123	5.31	25.67	233	233	0.1229
50	15.34	34.377	5.06	50	15.34	34.377	5.06	25.43	255	256	0.1719
75	13.51	34.514	4.76	75	13.51	34.514	4.76	25.93	208	209	0.2302
99	11.18	34.435	4.76	100	11.15	34.433	4.76	26.32	170	172	0.2781
123	10.56	34.393	4.76	125	10.46	34.385	4.76	26.41	162	165	0.3204
145	9.55	34.313	4.86	150	9.41	34.309	4.88	26.53	151	154	0.3603
195	8.15	34.275	5.08	200	7.71	34.254	5.08	26.75	130	133	0.4322
235	4.65	34.112	5.09	250	3.71	34.094	5.16	27.11	095	097	0.4899
275	2.15	34.065	5.29	300	1.75	34.035	5.37	27.24	084	084	0.5355
366	0.72	33.959	5.61	400	0.65	33.968	5.57	27.25	082	082	0.6190
461	0.55	33.986	5.50								

10月(October)

GANGWON 867 , STATION 106-02 , 37-53.7. N, 128-52.5. E, OCT.19.1988, 09:10 KST,
 DEPTH 53 , COLOR 4, TRANS. 14.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1021. ,
 AIR TEMP. DRY 17.9, WET , CLOUD. TYPE , AMT , WEATHER B

0	20.33	33.696	5.42	0	20.33	33.696	5.42	23.70	420	420	0.0000
10	20.30	33.926	5.52	10	20.30	33.926	5.52	23.88	403	403	0.0411
20	20.13	34.172	5.14	20	20.13	34.172	5.14	24.11	381	381	0.0804
30	20.11	34.313	5.62	30	20.11	34.313	5.62	24.22	370	371	0.1180
50	3.96	34.044	5.85	50	3.96	34.044	5.85	27.05	102	102	0.1653

GANGWON 867 , STATION 106-03 , 37-53.7. N, 128-57.2. E, OCT.19.1988, 09:40 KST,
 DEPTH 320 , COLOR 4, TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1021. ,
 AIR TEMP. DRY 18.1, WET , CLOUD. TYPE , AMT , WEATHER B

0	20.52	33.750	5.42	0	20.52	33.750	5.42	23.69	421	421	0.0000
10	20.46	33.881	5.63	10	20.46	33.881	5.63	23.80	410	410	0.0415
20	20.36	34.037	5.52	20	20.36	34.037	5.52	23.95	396	397	0.0819
30	18.65	34.265	5.73	30	18.65	34.265	5.73	24.56	338	338	0.1187
50	11.78	34.160	5.94	50	11.78	34.160	5.94	25.99	202	202	0.1729
75	10.83	34.112	6.25	75	10.83	34.112	6.25	26.13	189	190	0.2220
100	7.48	34.099	6.56	100	7.48	34.099	6.56	26.66	138	140	0.2634
124	3.64	34.025	6.47	125	3.55	34.023	6.45	27.07	099	100	0.2934
148	1.52	34.000	6.15	150	1.48	34.000	6.14	27.23	085	085	0.3166
195	0.63	34.001	6.04	200	0.62	33.999	6.05	27.28	079	079	0.3578
250	0.54	33.980	6.15	250	0.54	33.980	6.15	27.27	080	080	0.3978
300	0.34	34.030	6.25	300	0.34	34.030	6.25	27.32	075	075	0.4368

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 106-04 , 37-53.7. N, 129-03.8. E, OCT.19.1988, 10:30 KST,
 DEPTH 710 , COLOR 4, TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1021. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.42	33.821	5.42	0	20.42	33.821	5.42	23.77	413	413	0.0000
10	20.10	33.881	5.73	10	20.10	33.881	5.73	23.90	401	401	0.0407
20	19.96	33.998	5.63	20	19.96	33.998	5.63	24.02	389	389	0.0803
30	19.92	34.121	5.52	30	19.92	34.121	5.52	24.13	379	380	0.1188
50	14.52	34.214	5.62	50	14.52	34.214	5.62	25.48	250	251	0.1819
75	10.60	34.275	5.73	75	10.60	34.275	5.73	26.30	173	174	0.2352
100	6.26	34.085	6.15	100	6.26	34.085	6.15	26.81	124	125	0.2726
126	4.74	34.053	6.46	125	4.79	34.054	6.44	26.97	109	110	0.3022
151	2.62	34.059	6.27	150	2.70	34.058	6.27	27.18	089	090	0.3273
199	1.20	34.000	6.15	200	1.19	33.999	6.15	27.25	083	083	0.3706
246	0.76	33.967	6.25	250	0.74	33.971	6.21	27.25	082	082	0.4120
301	0.53	34.031	5.83	300	0.53	34.029	5.83	27.31	077	076	0.4518
405	0.28	34.014	5.52	400	0.29	34.014	5.53	27.31	076	076	0.5283
509	0.24	33.983	5.83	500	0.24	33.985	5.80	27.29	078	078	0.6056

GANGWON 867 , STATION 106-05 , 37-53.7. N, 129-22.1. E, OCT.19.1988, 12:00 KST,
 DEPTH 1120 , COLOR 4, TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1021. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.73	33.846	5.21	0	20.73	33.846	5.21	23.70	419	419	0.0000
10	20.47	33.988	5.42	10	20.47	33.988	5.42	23.88	403	403	0.0411
20	19.60	34.210	5.73	20	19.60	34.210	5.73	24.28	365	365	0.0795
30	18.14	34.274	5.62	30	18.14	34.274	5.62	24.70	325	326	0.1141
50	18.06	34.226	5.73	50	18.06	34.226	5.73	24.68	327	328	0.1795
75	15.07	34.376	5.42	75	15.07	34.376	5.42	25.49	249	251	0.2520
100	7.92	34.206	5.52	100	7.92	34.206	5.52	26.68	137	138	0.3008
126	6.42	34.162	5.83	125	6.47	34.163	5.81	26.85	121	122	0.3334
152	3.71	34.039	6.15	150	3.91	34.048	6.12	27.06	101	102	0.3615
200	1.50	34.031	5.83	200	1.50	34.031	5.83	27.25	082	083	0.4078
249	0.89	33.988	5.62	250	0.88	33.987	5.62	27.26	082	082	0.4490
300	0.64	33.982	5.62	300	0.64	33.982	5.62	27.27	081	081	0.4898
403	0.44	33.993	5.94	400	0.44	33.992	5.93	27.29	079	078	0.5698
505	0.39	34.036	5.73	500	0.39	34.033	5.74	27.32	075	075	0.6470

GANGWON 867 , STATION 106-06 , 37-53.7. N, 129-41.3. E, OCT.19.1988, 13:05 KST,
 DEPTH 1620 , COLOR 4, TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1021. ,
 AIR TEMP. DRY 21.4, WET , CLOUD. TYPE , AMT , WEATHER B

0	20.75	33.910	5.10	0	20.75	33.910	5.10	23.75	415	415	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	20.36	34.000	5.42	10	20.36	34.000	5.42	23.92	399	399	0.0407
20	20.42	34.134	5.73	20	20.42	34.134	5.73	24.01	391	391	0.0802
30	19.77	34.242	5.42	30	19.77	34.242	5.42	24.26	367	367	0.1182
50	14.84	34.391	5.52	50	14.84	34.391	5.52	25.55	244	245	0.1795
75	13.46	34.481	5.10	75	13.46	34.481	5.10	25.91	209	211	0.2365
99	9.72	34.352	5.21	100	9.67	34.349	5.22	26.51	152	154	0.2823
122	8.74	34.284	5.52	125	8.39	34.278	5.53	26.66	138	140	0.3191
146	5.96	34.236	5.62	150	5.62	34.227	5.62	27.01	105	107	0.3501
195	1.81	34.131	5.73	200	1.72	34.118	5.73	27.30	077	078	0.3965
245	0.93	34.002	5.74	250	0.90	34.004	5.74	27.27	081	080	0.4362
295	0.63	34.027	5.83	300	0.62	34.025	5.82	27.30	077	077	0.4759
395	0.45	33.989	5.73	400	0.44	33.990	5.72	27.28	079	079	0.5543
495	0.41	34.014	5.64								

GANGWON 867 , STATION 106-07 , 37-53.7. N, 130-00.0. E, OCT.18.1988, 04:35 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 4 , BARO 1010. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.65	33.884	5.52	0	19.65	33.884	5.52	24.02	390	389	0.0000
10	19.25	33.997	5.73	10	19.25	33.997	5.73	24.21	372	372	0.0380
20	19.24	34.027	5.52	20	19.24	34.027	5.52	24.23	369	369	0.0751
30	19.24	34.174	5.31	30	19.24	34.174	5.31	24.34	358	359	0.1116
50	19.20	34.425	5.10	50	19.20	34.425	5.10	24.55	339	341	0.1817
75	16.37	34.518	4.89	75	16.37	34.518	4.89	25.31	267	269	0.2580
96	14.97	34.409	4.88	100	14.59	34.399	4.90	25.61	238	240	0.3217
120	12.70	34.349	5.00	125	12.19	34.336	5.00	26.05	196	199	0.3767
141	10.59	34.296	5.00	150	10.20	34.290	5.04	26.38	165	168	0.4227
183	8.78	34.269	5.21	200	7.54	34.224	5.32	26.75	130	133	0.4981
230	5.37	34.146	5.52	250	4.29	34.115	5.57	27.07	099	102	0.5570
276	2.90	34.075	5.64	300	2.39	34.069	5.64	27.21	086	087	0.6043
372	0.86	34.052	5.64	400	0.74	34.043	5.60	27.31	077	077	0.6866
469	0.46	34.022	5.52								

GANGWON 867 , STATION 106-08 , 37-53.7. N, 130-18.9. E, OCT.18.1988, 03:05 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 3 , BARO 1010. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.85	33.926	5.21	0	19.85	33.926	5.21	24.00	391	391	0.0000
10	19.88	33.969	5.42	10	19.88	33.969	5.42	24.02	389	389	0.0390
20	19.90	34.120	5.62	20	19.90	34.120	5.62	24.13	379	379	0.0775
30	19.89	34.154	5.52	30	19.89	34.154	5.52	24.16	376	377	0.1153

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	19.54	34.562	4.90	50	19.54	34.562	4.90	24.56	338	339	0.1869
75	15.93	34.538	4.78	75	15.93	34.538	4.78	25.42	256	258	0.2616
99	15.09	34.525	4.58	100	15.04	34.522	4.59	25.61	238	241	0.3241
125	13.98	34.465	4.88	125	13.98	34.465	4.88	25.79	221	224	0.3822
149	11.03	34.403	4.90	150	10.98	34.400	4.90	26.33	170	173	0.4320
197	8.96	34.286	5.10	200	8.83	34.279	5.11	26.60	144	148	0.5124
245	6.95	34.185	5.31	250	6.49	34.170	5.33	26.85	120	123	0.5804
290	2.86	34.053	5.52	300	2.62	34.047	5.54	27.18	089	091	0.6342
380	0.72	34.002	5.73	400	0.67	34.007	5.75	27.28	079	079	0.7195
476	0.50	34.026	5.83								

GANGWON 867 , STATION 106-09 , 37-53.7. N, 130-37.7. E, OCT.18.1988, 02:30 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1009.5,
 ATR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.06	33.990	5.31	0	20.06	33.990	5.31	23.99	392	392	0.0000
10	20.06	33.994	5.62	10	20.06	33.994	5.62	23.99	392	392	0.0392
20	20.02	34.089	5.52	20	20.02	34.089	5.52	24.08	384	384	0.0780
30	19.79	34.315	5.21	30	19.79	34.315	5.21	24.31	362	362	0.1154
50	19.73	34.469	4.90	50	19.73	34.469	4.90	24.44	349	350	0.1868
75	19.23	34.538	4.69	75	19.23	34.538	4.69	24.62	332	334	0.2724
99	14.97	34.505	4.58	100	14.86	34.501	4.59	25.63	236	238	0.3441
123	12.44	34.430	5.00	125	12.33	34.423	5.00	26.09	192	195	0.3984
147	11.17	34.349	5.10	150	10.87	34.343	5.10	26.30	172	175	0.4448
195	6.50	34.265	5.21	200	6.14	34.255	5.23	26.96	109	112	0.5169
248	2.71	34.167	5.52	250	2.65	34.162	5.52	27.26	081	082	0.5656
296	1.38	34.051	5.73	300	1.34	34.048	5.73	27.27	080	080	0.6064
394	0.63	33.993	5.94	400	0.61	33.994	5.92	27.28	080	079	0.6868
498	0.38	34.018	5.73								

GANGWON 867 , STATION 106-10 , 37-53.7. N, 130-56.5. E, OCT.18.1988, 00:55 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1009. ,
 ATR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.14	33.867	5.42	0	20.14	33.867	5.42	23.88	403	403	0.0000
10	20.15	33.861	5.63	10	20.15	33.861	5.63	23.87	404	404	0.0403
20	20.13	33.924	5.42	20	20.13	33.924	5.42	23.92	399	399	0.0805
30	20.09	34.206	5.21	30	20.09	34.206	5.21	24.15	377	378	0.1194
50	20.04	34.388	5.31	50	20.04	34.388	5.31	24.30	363	364	0.1937
75	16.66	34.517	4.90	75	16.66	34.517	4.90	25.24	273	275	0.2737
97	15.02	34.417	4.90	100	14.86	34.408	4.92	25.56	243	245	0.3389

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
120	13.84	34.349	5.10	125	13.24	34.333	5.15	25.84	216	219	0.3970
141	11.34	34.283	5.31	150	10.73	34.278	5.31	26.28	175	178	0.4467
185	8.36	34.263	5.31	200	6.98	34.232	5.37	26.83	122	125	0.5225
233	3.97	34.165	5.52	250	3.52	34.142	5.63	27.17	090	092	0.5768
277	2.82	34.107	5.83	300	2.27	34.097	5.80	27.24	083	084	0.6209
369	0.65	34.068	5.73	400	0.58	34.060	5.69	27.33	075	074	0.7005
461	0.46	34.045	5.63								

GANGWON 867 , STATION 106-11 , 37-53.7. N, 131-15.1. E, OCT.17.1988, 23:20 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1008.5,
 AJR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.71	33.846	5.00	0	19.71	33.846	5.00	23.97	394	393	0.0000
10	19.70	33.871	5.42	10	19.70	33.871	5.42	24.00	392	392	0.0393
20	19.70	34.039	5.52	20	19.70	34.039	5.52	24.12	380	380	0.0779
30	19.63	34.337	5.21	30	19.63	34.337	5.21	24.37	356	357	0.1148
50	19.29	34.538	5.00	50	19.29	34.538	5.00	24.61	333	335	0.1840
75	16.36	34.529	5.00	75	16.36	34.529	5.00	25.32	266	268	0.2594
99	14.57	34.485	5.10	100	14.48	34.480	5.10	25.70	230	232	0.3220
122	12.54	34.382	5.31	125	12.33	34.375	5.32	26.05	196	198	0.3760
147	10.82	34.324	5.42	150	10.71	34.321	5.41	26.31	171	174	0.4227
196	9.15	34.288	5.31	200	8.95	34.279	5.34	26.58	146	150	0.5039
245	6.76	34.181	5.73	250	6.37	34.171	5.75	26.87	119	122	0.5720
285	3.70	34.105	5.94	300	3.21	34.097	5.90	27.16	091	092	0.6258
376	0.76	34.057	5.73	400	0.66	34.042	5.69	27.31	076	076	0.7105
463	0.40	34.006	5.62								

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GYUNGBUG 853 , STATION 106-02 , 37-53.7. N, 128-52.5. E, JAN.17.1989, 13:25 KST,
 DEPTH 58 , COLOR 4, TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1035. ,
 AJR TEMP. DRY 5.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.06	34.197	6.32	0	11.06	34.197	6.32	26.15	186	186	0.0000
10	10.92	34.206	6.32	10	10.92	34.206	6.32	26.19	183	183	0.0185
20	10.89	34.204	6.11	20	10.89	34.204	6.11	26.19	183	183	0.0368
30	10.60	34.158	6.00	30	10.60	34.158	6.00	26.21	181	182	0.0551
50	10.47	34.131	6.00	50	10.47	34.131	6.00	26.21	181	182	0.0915

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 106-03 , 37-53.7. N, 128-57.2. E, JAN.17.1989, 12:35 KST,
 DEPTH 320 , COLOR 4, TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1035.5,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	11.19	34.181	6.21	0	11.19	34.181	6.21	26.12	190	189	0.0000
10	11.32	34.206	6.21	10	11.32	34.206	6.21	26.11	190	190	0.0190
20	11.06	34.157	6.32	20	11.06	34.157	6.32	26.12	189	189	0.0380
30	10.02	34.144	6.00	30	10.02	34.144	6.00	26.30	173	173	0.0562
50	10.01	34.157	6.21	50	10.01	34.157	6.21	26.31	172	172	0.0908
75	5.42	34.107	6.00	75	5.42	34.107	6.00	26.94	112	113	0.1266
98	3.86	34.057	6.00	100	3.78	34.058	6.02	27.08	099	099	0.1532
121	2.98	34.072	6.32	125	2.92	34.064	6.35	27.16	091	091	0.1771
145	2.66	34.028	6.53	150	2.61	34.024	6.49	27.16	091	092	0.2001
195	2.25	33.990	6.21	200	2.22	33.989	6.19	27.16	091	091	0.2460
249	1.99	33.988	6.00	250	1.98	33.988	5.99	27.18	089	089	0.2914
297	1.74	34.033	5.79								

GYUNGBUG 853 , STATION 106-04 , 37-53.7. N, 129-03.8. E, JAN.17.1989, 11:35 KST,
 DEPTH 710 , COLOR 4, TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1035.5,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	11.30	34.165	6.32	0	11.30	34.165	6.32	26.09	193	192	0.0000
10	11.20	34.204	6.32	10	11.20	34.204	6.32	26.13	188	188	0.0190
20	11.19	34.215	6.00	20	11.19	34.215	6.00	26.14	187	187	0.0378
30	11.18	34.156	6.11	30	11.18	34.156	6.11	26.10	191	192	0.0568
50	9.77	34.150	5.79	50	9.77	34.150	5.79	26.34	168	169	0.0930
75	7.64	34.095	5.68	75	7.64	34.095	5.68	26.63	141	142	0.1320
100	5.86	34.027	5.58	100	5.86	34.027	5.58	26.82	123	124	0.1654
125	4.53	34.050	5.79	125	4.53	34.050	5.79	26.99	107	108	0.1945
149	3.53	34.069	6.00	150	3.50	34.067	6.00	27.11	095	096	0.2201
198	2.13	34.018	6.00	200	2.10	34.018	5.98	27.19	088	088	0.2664
245	1.61	34.033	5.68	250	1.55	34.029	5.70	27.25	083	083	0.3095
293	1.04	34.001	5.89	300	0.99	34.000	5.86	27.26	081	081	0.3508
382	0.51	33.994	5.58	400	0.48	33.999	5.62	27.29	079	078	0.4312
472	0.38	34.022	5.79								

GYUNGBUG 853 , STATION 106-05 , 37-53.7. N, 129-22.1. E, JAN.17.1989, 09:30 KST,
 DEPTH 1120 , COLOR 4, TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1035. ,
 AIR TEMP. DRY 5.6, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	11.00	34.157	6.21	0	11.00	34.157	6.21	26.13	188	188	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	11.00	34.189	6.32	10	11.00	34.189	6.32	26.16	186	186	0.0187
20	9.96	34.210	6.11	20	9.96	34.210	6.11	26.36	167	167	0.0364
30	9.93	34.175	5.79	30	9.93	34.175	5.79	26.34	169	169	0.0532
50	9.91	34.202	5.58	50	9.91	34.202	5.58	26.36	167	167	0.0870
75	9.30	34.131	5.47	75	9.30	34.131	5.47	26.41	162	164	0.1285
98	8.67	34.144	5.79	100	8.45	34.137	5.80	26.54	149	151	0.1680
122	6.04	34.060	6.00	125	5.81	34.054	5.96	26.85	121	122	0.2022
146	4.20	34.016	5.68	150	4.00	34.019	5.70	27.02	104	105	0.2306
195	1.81	34.064	6.00	200	1.70	34.060	6.01	27.26	081	082	0.2775
244	0.78	34.029	6.11	250	0.77	34.025	6.08	27.29	078	078	0.3177
292	0.72	33.998	5.89	300	0.69	33.997	5.88	27.28	080	080	0.3574
389	0.42	33.992	5.79	400	0.41	33.997	5.80	27.29	078	078	0.4367
482	0.38	34.037	5.89								

GYUNGBUG 853 , STATION 106-06 , 37-53.7. N, 129-41.3. E, JAN.17.1989, 07:30 KST,
 DEPTH 1620 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 1 , BARO 1035. ,
 ATR TEMP. DRY 3.6, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	11.22	34.204	6.21	0	11.22	34.204	6.21	26.13	188	188	0.0000
10	11.48	34.227	6.21	10	11.48	34.227	6.21	26.10	191	191	0.0190
20	11.27	34.185	6.32	20	11.27	34.185	6.32	26.11	191	191	0.0381
30	10.97	34.143	6.11	30	10.97	34.143	6.11	26.13	189	189	0.0572
50	9.48	34.099	5.79	50	9.48	34.099	5.79	26.35	168	168	0.0930
75	7.10	34.026	6.00	75	7.10	34.026	6.00	26.65	139	140	0.1316
100	5.93	34.062	5.68	100	5.93	34.062	5.68	26.84	121	122	0.1645
123	5.67	33.994	5.79	125	5.56	33.995	5.80	26.83	122	123	0.1953
146	4.42	34.011	6.00	150	4.26	34.013	5.99	26.99	107	108	0.2243
197	2.38	34.045	5.89	200	2.29	34.046	5.87	27.20	087	087	0.2734
247	0.97	34.068	5.68	250	0.95	34.065	5.70	27.31	076	076	0.3146
297	0.80	34.018	6.11	300	0.79	34.017	6.10	27.29	079	079	0.3536
395	0.56	33.998	6.00	400	0.55	33.999	5.98	27.29	079	079	0.4328
494	0.46	34.034	5.79								

GYUNGBUG 853 , STATION 106-07 , 37-53.7. N, 130-00.0. E, JAN.17.1989, 05:30 KST,
 DEPTH 1060 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 1 , BARO 1035. ,
 ATR TEMP. DRY 3.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	11.54	34.189	6.21	0	11.54	34.189	6.21	26.06	195	195	0.0000
10	11.54	34.210	6.32	10	11.54	34.210	6.32	26.08	194	194	0.0194
20	11.50	34.250	6.32	20	11.50	34.250	6.32	26.12	190	190	0.0387
30	11.43	34.221	5.79	30	11.43	34.221	5.79	26.11	191	191	0.0578

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	11.41	34.154	5.58	50	11.41	34.154	5.58	26.06	195	196	0.0966
75	11.19	34.183	5.26	75	11.19	34.183	5.26	26.12	190	191	0.1452
99	9.97	34.111	5.37	100	9.85	34.110	5.37	26.30	173	174	0.1910
124	7.21	34.095	5.37	125	7.09	34.092	5.38	26.71	134	135	0.2298
148	4.42	34.030	5.68	150	4.31	34.029	5.68	27.00	106	107	0.2602
198	1.73	34.011	5.68	200	1.69	34.013	5.68	27.22	085	085	0.3086
248	0.84	34.063	5.89	250	0.83	34.060	5.87	27.32	076	076	0.3491
299	0.61	33.995	5.58	300	0.60	33.994	5.58	27.28	080	079	0.3882
395	0.55	33.992	6.00	400	0.54	33.993	5.98	27.28	079	079	0.4679
489	0.54	34.011	5.79								

GYUNGBUG 853 , STATION 106-08 , 37-53.7. N, 130-18.9. E, JAN.17.1989, 03:20 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 1 , BARO 1035. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.84	34.224	6.21	0	11.84	34.224	6.21	26.03	198	198	0.0000
10	11.87	34.204	6.21	10	11.87	34.204	6.21	26.01	200	200	0.0199
20	11.93	34.176	6.11	20	11.93	34.176	6.11	25.98	203	203	0.0401
30	11.82	34.254	5.79	30	11.82	34.254	5.79	26.06	195	196	0.0601
50	11.81	34.285	5.47	50	11.81	34.285	5.47	26.08	193	194	0.0991
75	11.80	34.264	5.47	75	11.80	34.264	5.47	26.07	194	196	0.1479
96	11.80	34.199	5.26	100	11.69	34.191	5.26	26.03	198	200	0.1975
121	11.17	34.152	5.26	125	10.93	34.143	5.27	26.14	188	191	0.2464
146	9.72	34.101	5.37	150	9.33	34.096	5.38	26.37	165	168	0.2914
196	4.87	34.045	5.58	200	4.61	34.045	5.60	26.98	108	110	0.3611
238	2.18	34.050	5.89	250	1.87	34.054	5.83	27.24	083	084	0.4096
280	1.10	34.064	5.68	300	0.97	34.053	5.65	27.30	077	077	0.4502
374	0.53	34.014	5.58	400	0.51	34.010	5.69	27.30	078	078	0.5281
473	0.48	34.000	6.00								

GYUNGBUG 853 , STATION 106-09 , 37-53.7. N, 130-37.7. E, JAN.17.1989, 01:15 KST,
 DEPTH 2250 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 2 , BARO 1035. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.35	34.202	6.32	0	11.35	34.202	6.32	26.11	191	191	0.0000
10	11.43	34.271	6.32	10	11.43	34.271	6.32	26.14	187	187	0.0189
20	11.39	34.302	6.11	20	11.39	34.302	6.11	26.18	184	184	0.0375
30	11.35	34.243	6.00	30	11.35	34.243	6.00	26.14	188	188	0.0562
50	11.35	34.173	5.69	50	11.35	34.173	5.69	26.08	193	194	0.0945
75	11.35	34.224	5.26	75	11.35	34.224	5.26	26.12	189	191	0.1427
95	11.04	34.158	5.58	100	10.88	34.164	5.65	26.16	186	187	0.1901
116	10.37	34.187	5.89	125	10.34	34.175	5.80	26.26	176	178	0.2359
137	10.31	34.159	5.68	150	10.10	34.142	5.68	26.28	174	177	0.2804

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
186	9.55	34.098	5.71	200	8.99	34.067	5.76	26.41	162	166	0.3664
236	7.55	33.989	5.89	250	6.49	34.000	5.83	26.72	133	136	0.4421
289	3.54	34.034	5.68	300	3.25	34.030	5.68	27.11	096	098	0.5008
388	0.98	34.006	5.68	400	0.93	34.004	5.70	27.27	081	081	0.5906
487	0.63	33.992	5.89								

GYUNGBUG 853 , STATION 106-10 , 37-53.7. N, 130-56.5. E, JAN.16.1989, 23:05 KST,
 DEPTH 1980 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1035. ,
 AIR TEMP. DRY 3.1, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	11.25	34.220	6.11	0	11.25	34.220	6.11	26.14	188	188	0.0000
10	11.35	34.247	6.32	10	11.35	34.247	6.32	26.14	188	187	0.0188
20	11.30	34.285	6.11	20	11.30	34.285	6.11	26.18	184	184	0.0374
30	11.27	34.289	5.89	30	11.27	34.289	5.89	26.19	183	183	0.0558
50	11.26	34.221	5.58	50	11.26	34.221	5.58	26.14	188	189	0.0931
75	11.20	34.181	5.47	75	11.20	34.181	5.47	26.12	190	191	0.1407
97	11.18	34.174	5.79	100	11.17	34.165	5.73	26.11	191	192	0.1888
120	11.16	34.111	5.37	125	11.14	34.121	5.43	26.08	193	196	0.2375
143	11.10	34.161	5.68	150	10.91	34.149	5.74	26.14	187	190	0.2859
189	9.89	34.088	6.11	200	9.30	34.073	6.08	26.36	167	170	0.3762
236	7.37	34.025	6.00	250	6.89	34.018	6.00	26.68	137	140	0.4540
282	5.81	34.004	6.00	300	4.91	34.002	5.94	26.91	114	117	0.5186
379	0.96	33.998	5.68	400	0.91	34.005	5.72	27.27	081	081	0.6180
472	0.78	34.030	5.89								

GYUNGBUG 853 , STATION 106-11 , 37-53.7. N, 131-15.1. E, JAN.16.1989, 21:10 KST,
 DEPTH 2070 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1034. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.28	34.208	6.21	0	11.28	34.208	6.21	26.12	189	189	0.0000
10	11.32	34.188	6.11	10	11.32	34.188	6.11	26.10	191	191	0.0190
20	11.32	34.232	5.89	20	11.32	34.232	5.89	26.13	188	188	0.0380
30	11.28	34.275	5.89	30	11.28	34.275	5.89	26.18	184	185	0.0567
50	11.26	34.300	5.47	50	11.26	34.300	5.47	26.20	182	183	0.0936
75	11.25	34.024	5.26	75	11.25	34.024	5.26	25.99	202	204	0.1420
96	11.17	34.173	5.26	100	11.15	34.164	5.28	26.11	190	192	0.1917
118	11.08	34.125	5.37	125	10.76	34.132	5.47	26.16	186	188	0.2393
139	10.12	34.147	5.68	150	10.09	34.135	5.70	26.28	175	178	0.2852
185	10.03	34.097	5.79	200	9.30	34.076	5.72	26.36	166	170	0.3723
230	7.84	34.036	5.58	250	6.76	34.017	5.58	26.69	135	138	0.4497
275	5.42	33.994	5.58	300	4.49	33.993	5.68	26.95	111	113	0.5128
374	1.76	33.991	6.00	400	1.46	34.005	5.94	27.23	084	085	0.6123
473	0.64	34.048	5.79								

105 線 海洋觀測 成績 Oceanographic Data. Line 105

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February) ~ 3 月(March)

GYUNGBUG 853 , STATION 105-03 , 37-33.2. N, 129-10.3. E, MAR. 1.1988, 12:40 KST,
 DEPTH 49 , COLOR 4, TRANS. 13.5, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1021. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	11.16	34.482	6.00	0	11.16	34.482	6.00	26.36	167	167	0.0000
10	11.19	34.487	6.11	10	11.19	34.487	6.11	26.36	167	167	0.0167
20	11.00	34.450	6.11	20	11.00	34.450	6.11	26.36	167	167	0.0334
30	9.80	34.331	6.00	30	9.80	34.331	6.00	26.48	155	156	0.0496
47	1.93	34.238	6.00								

GYUNGBUG 853 , STATION 105-04 , 37-33.2. N, 129-15.5. E, MAR. 1.1988, 11:55 KST,
 DEPTH 250 , COLOR 3, TRANS. 14.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1021. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	9.61	34.463	6.02	0	9.61	34.463	6.02	26.61	143	142	0.0000
10	9.76	34.422	6.00	10	9.76	34.422	6.00	26.56	148	148	0.0145
20	9.19	34.375	6.12	20	9.19	34.375	6.12	26.61	143	143	0.0291
30	6.37	34.243	6.00	30	6.37	34.243	6.00	26.92	113	113	0.0420
50	5.02	34.138	6.14	50	5.02	34.138	6.14	27.01	105	106	0.0640
75	1.51	34.083	6.42	75	1.51	34.083	6.42	27.29	078	078	0.0871
90	0.96	34.080	6.24	100	0.84	34.058	6.16	27.31	076	076	0.1065
117	0.66	34.021	6.04	125	0.62	34.037	5.96	27.31	076	076	0.1256
145	0.55	34.079	5.79	150	0.54	34.080	5.79	27.35	073	072	0.1443
196	0.46	34.091	5.79	200	0.45	34.090	5.79	27.36	071	071	0.1805
248	0.34	34.083	5.89								

GYUNGBUG 853 , STATION 105-05 , 37-33.2. N, 129-22.6. E, MAR. 1.1988, 11:00 KST,
 DEPTH 380 , COLOR 3, TRANS. 14.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1021. ,
 AIR TEMP. DRY 8.9, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	9.91	34.430	6.11	0	9.91	34.430	6.11	26.54	150	150	0.0000
10	9.92	34.450	6.32	10	9.92	34.450	6.32	26.55	149	148	0.0149
20	9.83	34.460	6.32	20	9.83	34.460	6.32	26.57	146	147	0.0297
30	8.81	34.369	6.00	30	8.81	34.369	6.00	26.67	137	138	0.0440
50	5.07	34.169	6.00	50	5.07	34.169	6.00	27.03	104	104	0.0682

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	1.56	34.093	6.00	75	1.56	34.093	6.00	27.30	078	078	0.0910
100	1.35	34.098	6.13	100	1.35	34.098	6.13	27.31	076	076	0.1104
125	1.04	34.083	6.13	125	1.04	34.083	6.13	27.32	075	075	0.1295
150	0.61	34.085	6.04	150	0.61	34.085	6.04	27.35	073	072	0.1481
202	0.51	34.089	5.83	200	0.51	34.088	5.83	27.36	072	072	0.1844
251	0.41	34.093	5.82	250	0.41	34.092	5.82	27.37	071	071	0.2202
301	0.31	34.087	5.68	300	0.31	34.087	5.68	27.37	071	071	0.2557
368	0.26	34.084	5.37								

GYUNGBUG 853 , STATION 105-06 , 37-33.2. N, 129-41.3. E, MAR. 1.1988, 09:05 KST,
 DEPTH 810 , COLOR 3, TRANS. 14.5, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1021. ,
 AIR TEMP. DRY 8.9, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	9.80	34.217	6.11	0	9.80	34.217	6.11	26.39	164	164	0.0000
10	9.80	34.224	6.32	10	9.80	34.224	6.32	26.40	163	163	0.0163
20	9.78	34.225	6.32	20	9.78	34.225	6.32	26.40	163	163	0.0327
30	9.76	34.224	6.33	30	9.76	34.224	6.33	26.40	163	163	0.0491
50	9.73	34.227	6.32	50	9.73	34.227	6.32	26.41	162	163	0.0818
75	9.70	34.216	6.21	75	9.70	34.216	6.21	26.41	162	164	0.1227
94	9.68	34.200	6.00	100	9.65	34.204	6.00	26.40	162	164	0.1638
114	9.59	34.215	6.00	125	8.66	34.209	5.93	26.57	147	149	0.2030
133	7.99	34.205	5.89	150	6.74	34.206	5.85	26.35	121	123	0.2371
183	4.33	34.210	5.79	200	3.48	34.159	5.75	27.19	088	090	0.2904
232	1.88	34.064	5.68	250	1.58	34.066	5.68	27.27	080	081	0.3332
281	1.07	34.071	5.68	300	0.97	34.072	5.70	27.32	076	076	0.3725
379	0.57	34.079	5.79	400	0.52	34.078	5.74	27.35	073	072	0.4472
474	0.37	34.076	5.58								

GYUNGBUG 853 , STATION 105-07 , 37-33.2. N, 130-00.0. E, MAR. 1.1988, 07:05 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1021. ,
 AIR TEMP. DRY 8.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	9.34	34.227	6.00	0	9.34	34.227	6.00	26.47	156	156	0.0000
10	9.65	34.227	6.32	10	9.65	34.227	6.32	26.42	161	161	0.0158
20	9.79	34.221	6.32	20	9.79	34.221	6.32	26.39	163	164	0.0321
30	9.79	34.230	6.21	30	9.79	34.230	6.21	26.40	163	163	0.0485
50	9.78	34.227	6.21	50	9.78	34.227	6.21	26.40	163	164	0.0812
75	9.76	34.223	6.11	75	9.76	34.223	6.11	26.40	163	164	0.1223
98	9.62	34.227	6.11	100	9.61	34.228	6.09	26.43	160	162	0.1632
121	9.60	34.246	5.97	125	9.51	34.243	5.93	26.46	157	160	0.2035
144	9.12	34.232	5.79	150	8.82	34.222	5.79	26.55	149	151	0.2424
192	6.79	34.153	5.80	200	6.24	34.140	5.79	26.86	119	122	0.3109

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
240	3.49	34.075	5.79	250	3.16	34.076	5.76	27.15	092	093	0.3648
290	1.87	34.080	5.66	300	1.73	34.080	5.65	27.27	080	081	0.4086
391	0.55	34.082	5.56	400	0.53	34.081	5.54	27.35	073	072	0.4857
462	0.46	34.075	5.47								

GYUNGBUG 853 , STATION 105-08 , 37-33.2. N, 130-18.7. E, MAR. 1.1988, 05:05 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1022. ,
 AIR TEMP. DRY 8.8, WET , CLOUD. TYPE ST, AMT 07, WEATHER BC

0	9.89	34.237	6.00	0	9.89	34.237	6.00	26.39	164	164	0.0000
10	9.94	34.218	6.20	10	9.94	34.218	6.20	26.37	166	166	0.0165
20	9.93	34.206	6.42	20	9.93	34.206	6.42	26.36	167	167	0.0332
30	9.92	34.209	6.22	30	9.92	34.209	6.22	26.36	166	167	0.0499
50	9.92	34.220	6.21	50	9.92	34.220	6.21	26.37	166	166	0.0833
75	9.92	34.242	6.32	75	9.92	34.242	6.32	26.39	164	165	0.1249
99	9.91	34.212	6.21	100	9.90	34.213	6.20	26.37	166	168	0.1666
123	9.90	34.240	6.11	125	9.90	34.238	6.10	26.39	164	166	0.2085
148	9.90	34.226	6.00	150	9.89	34.225	5.99	26.38	165	168	0.2503
189	9.81	34.213	5.88	200	9.08	34.199	5.85	26.49	154	158	0.3318
229	7.16	34.163	5.79	250	5.65	34.129	5.70	26.93	113	116	0.4004
279	3.57	34.084	5.59	300	3.00	34.086	5.56	27.17	090	091	0.4524
381	0.84	34.095	5.47	400	0.79	34.090	5.47	27.34	073	073	0.5352
473	0.63	34.072	5.47								

GYUNGBUG 853 , STATION 105-09 , 37-33.2. N, 130-37.5. E, MAR. 1.1988, 03:00 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1022. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE ST, AMT 07, WEATHER BC

0	9.93	34.196	5.89	0	9.93	34.196	5.89	26.35	168	167	0.0000
10	9.93	34.208	6.10	10	9.93	34.208	6.10	26.36	167	167	0.0167
20	9.95	34.227	6.53	20	9.95	34.227	6.53	26.37	166	166	0.0334
30	9.90	34.215	6.11	30	9.90	34.215	6.11	26.37	166	166	0.0500
50	9.90	34.217	6.00	50	9.90	34.217	6.00	26.37	166	166	0.0833
75	9.88	34.220	6.02	75	9.88	34.220	6.02	26.38	165	166	0.1250
92	9.49	34.204	6.00	100	9.46	34.209	6.00	26.44	159	161	0.1660
120	9.40	34.223	6.00	125	9.37	34.225	5.97	26.47	157	159	0.2061
144	9.28	34.234	5.89	150	9.24	34.233	5.89	26.49	154	157	0.2456
189	9.04	34.229	5.89	200	8.11	34.208	5.86	26.65	139	142	0.3206
235	5.16	34.144	5.79	250	4.28	34.123	5.75	27.08	099	101	0.3815
286	2.18	34.074	5.67	300	1.95	34.075	5.65	27.25	082	083	0.4277
389	0.56	34.082	5.58	400	0.54	34.080	5.51	27.35	073	072	0.5059
475	0.41	34.073	5.05								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 105-10 , 37-33.2. N, 130-55.9. E, MAR. 1.1988, 01:00 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1022.5,
 AIR TEMP. DRY 9.3, WET , CLOUD. TYPE ST, AMT 10, WEATHER C

0	9.72	34.229	6.00	0	9.72	34.229	6.00	26.41	162	161	0.0000
10	9.81	34.222	6.32	10	9.81	34.222	6.32	26.39	164	164	0.0163
20	9.71	34.237	6.54	20	9.71	34.237	6.54	26.42	161	161	0.0325
30	9.70	34.252	6.33	30	9.70	34.252	6.33	26.43	160	160	0.0486
50	9.68	34.243	6.24	50	9.68	34.243	6.24	26.43	160	161	0.0808
75	9.47	34.219	6.00	75	9.47	34.219	6.00	26.45	159	160	0.1210
97	9.45	34.234	6.11	100	9.42	34.233	6.08	26.47	157	158	0.1609
123	9.19	34.226	5.89	125	9.15	34.223	5.89	26.50	153	155	0.2003
140	8.89	34.202	5.89	150	8.29	34.184	5.89	26.61	143	146	0.2380
184	6.27	34.127	5.89	200	5.16	34.113	5.85	26.97	109	111	0.3024
229	3.15	34.088	5.79	250	2.48	34.085	5.79	27.22	085	086	0.3519
278	1.60	34.083	5.79	300	1.38	34.082	5.74	27.30	078	078	0.3932
377	0.62	34.080	5.58	400	0.56	34.079	5.50	27.35	073	073	0.4690
436	0.47	34.079	5.38								

GYUNGBUG 853 , STATION 105-11 , 37-33.2. N, 131-14.6. E, FEB.29.1988, 23:00 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1023.5,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE ST, AMT 10, WEATHER C

0	9.63	34.230	6.21	0	9.63	34.230	6.21	26.43	160	160	0.0000
10	9.70	34.227	6.33	10	9.70	34.227	6.33	26.41	162	161	0.0161
20	9.73	34.227	6.54	20	9.73	34.227	6.54	26.41	162	162	0.0323
30	9.72	34.227	6.53	30	9.72	34.227	6.53	26.41	162	162	0.0486
50	9.71	34.227	6.53	50	9.71	34.227	6.53	26.41	162	162	0.0811
75	9.69	34.230	6.43	75	9.69	34.230	6.43	26.42	161	162	0.1219
90	9.68	34.264	6.32	100	9.65	34.262	6.32	26.45	158	160	0.1623
118	9.61	34.260	6.32	125	9.44	34.247	6.28	26.47	156	158	0.2022
140	9.09	34.220	6.21	150	8.65	34.208	6.18	26.57	147	149	0.2407
185	7.13	34.169	6.11	200	5.87	34.146	6.04	26.91	114	117	0.3075
234	3.04	34.095	5.89	250	2.54	34.089	5.85	27.22	086	087	0.3586
281	1.58	34.078	5.78	300	1.37	34.079	5.78	27.30	078	078	0.4000
375	0.59	34.085	5.79	400	0.56	34.085	5.72	27.35	073	072	0.4758
460	0.52	34.085	5.58								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月 (April)

GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, APR.16.1988, 11:00 KST,
 DEPTH 49 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1017. ,
 AIR TEMP. DRY 18.4, WET , CLOUD. TYPE , AMT , WEATHER B

0	13.09	34.577	6.29	0	13.09	34.577	6.29	26.06	195	195	0.0000
10	12.82	34.497	6.50	10	12.82	34.497	6.50	26.05	196	196	0.0195
20	12.64	34.476	6.50	20	12.64	34.476	6.50	26.07	194	194	0.0391
30	12.08	34.465	6.19	30	12.08	34.465	6.19	26.17	185	185	0.0581
47	9.87	34.335	6.08								

GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.5. E, APR.16.1988, 10:10 KST,
 DEPTH 250 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 1 , BARO 1017. ,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE , AMT , WEATHER B

0	13.24	34.530	6.19	0	13.24	34.530	6.19	25.99	201	201	0.0000
10	13.18	34.511	6.29	10	13.18	34.511	6.29	25.99	202	202	0.0201
20	13.13	34.538	6.08	20	13.13	34.538	6.08	26.02	199	199	0.0402
30	13.13	34.454	5.76	30	13.13	34.454	5.76	25.96	205	205	0.0605
50	12.14	34.448	5.87	50	12.14	34.448	5.87	26.15	187	188	0.0999
75	8.67	34.373	5.77	75	8.67	34.373	5.77	26.69	135	136	0.1405
102	2.66	34.038	5.78	100	3.10	34.062	5.77	27.15	092	093	0.1692
126	1.54	34.022	5.66	125	1.58	34.022	5.66	27.24	084	084	0.1913
150	1.16	34.007	5.77	150	1.16	34.007	5.77	27.25	082	082	0.2121
197	0.70	33.980	5.45								

GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, APR.16.1988, 08:40 KST,
 DEPTH 380 , COLOR 3, TRANS. 10.0, WAVE SE 1, SWELL SE 0, WIND SE 1 , BARO 1017. ,
 AIR TEMP. DRY 16.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.82	34.607	6.40	0	13.82	34.607	6.40	25.93	207	207	0.0000
10	13.69	34.622	6.29	10	13.69	34.622	6.29	25.97	203	203	0.0205
20	13.64	34.618	5.98	20	13.64	34.618	5.98	25.98	203	203	0.0409
30	13.62	34.616	5.87	30	13.62	34.616	5.87	25.98	203	203	0.0612
50	13.17	34.575	5.87	50	13.17	34.575	5.87	26.04	197	198	0.1014
75	12.73	34.475	5.87	75	12.73	34.475	5.87	26.05	196	197	0.1509
99	8.88	34.298	5.66	100	8.87	34.286	5.65	26.60	144	146	0.1940

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
120	8.73	34.061	5.56	125	8.09	34.048	5.60	26.53	151	152	0.2314
142	5.92	34.005	5.77	150	5.21	34.007	5.75	26.88	117	119	0.2654
191	1.60	34.019	5.66	200	1.44	34.019	5.62	27.24	083	083	0.3161
240	0.77	34.023	5.45	250	0.72	34.011	5.42	27.28	079	079	0.3568
281	0.60	33.976	5.35	300	0.54	33.979	5.35	27.27	080	080	0.3968
321	0.49	33.984	5.35								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, APR.16.1988, 07:05 KST,
 DEPTH 870 , COLOR , TRANS. , WAVE SE 1, SWELL SE 0, WIND SE 1 , BARO 1017. ,
 AIR TEMP. DRY 14.4, WET , CLOUD. TYPE , AMT , WEATHER

0	13.42	34.561	6.20	0	13.42	34.561	6.20	25.98	203	202	0.0000
10	13.33	34.580	6.18	10	13.33	34.580	6.18	26.01	199	199	0.0201
20	12.83	34.558	6.08	20	12.83	34.558	6.08	26.10	192	192	0.0397
30	12.76	34.511	6.19	30	12.76	34.511	6.19	26.08	194	194	0.0590
50	12.23	34.490	5.87	50	12.23	34.490	5.87	26.16	185	186	0.0972
75	10.42	34.235	5.98	75	10.42	34.235	5.98	26.30	173	174	0.1424
98	10.41	34.226	5.66	100	10.32	34.227	5.67	26.31	172	173	0.1859
122	9.38	34.245	5.87	125	9.34	34.229	5.87	26.48	156	158	0.2274
139	9.16	34.156	5.87	150	8.72	34.146	5.84	26.51	153	155	0.2667
183	7.40	34.117	5.77	200	5.83	34.097	5.73	26.88	118	120	0.3356
236	2.52	34.056	5.66	250	2.13	34.033	5.55	27.20	087	087	0.3877
278	1.36	33.988	5.35	300	1.18	33.984	5.32	27.23	084	084	0.4308
368	0.64	33.974	5.25	400	0.59	33.989	5.28	27.27	080	080	0.5131
461	0.50	34.018	5.35								

GANGWON 867 , STATION 105-07 , 37-33.2. N, 130-00.0. E, APR.16.1988, 05:25 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017. ,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE , AMT , WEATHER

0	11.42	34.402	6.19	0	11.42	34.402	6.19	26.25	177	177	0.0000
10	11.32	34.402	6.20	10	11.32	34.402	6.20	26.27	176	176	0.0176
20	10.84	34.333	6.29	20	10.84	34.333	6.29	26.30	172	173	0.0351
30	10.35	34.299	5.98	30	10.35	34.299	5.98	26.36	167	167	0.0521
50	10.07	34.273	6.08	50	10.07	34.273	6.08	26.39	164	165	0.0854
75	10.04	34.265	5.98	75	10.04	34.265	5.98	26.39	164	165	0.1268
97	9.98	34.234	5.98	100	9.92	34.235	5.96	26.38	165	166	0.1684
120	9.56	34.245	5.87	125	9.49	34.244	5.89	26.46	157	159	0.2092
146	9.22	34.241	5.98	150	9.18	34.236	5.96	26.51	153	155	0.2487
198	8.71	34.183	5.77	200	8.60	34.179	5.76	26.55	148	152	0.3257

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
243	6.32	34.107	5.56	250	5.77	34.097	5.54	26.89	117	120	0.3938
288	2.79	34.046	5.45	300	2.55	34.038	5.42	27.17	089	091	0.4466
388	0.83	33.987	5.25	400	0.79	33.988	5.25	27.26	081	081	0.5330
487	0.51	34.001	5.25								

GANGWON 867 , STATION 105-08 , 37-33.2. N, 130-18.7. E, APR.16.1988, 03:50 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1017.1,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE , AMT , WEATHER

0	10.44	34.306	6.20	0	10.44	34.306	6.20	26.35	168	167	0.0000
10	10.12	34.276	6.19	10	10.12	34.276	6.19	26.38	165	165	0.0166
20	9.89	34.240	6.08	20	9.89	34.240	6.08	26.39	164	164	0.0331
30	9.70	34.190	6.19	30	9.70	34.190	6.19	26.39	164	165	0.0495
50	9.51	34.188	5.98	50	9.51	34.188	5.98	26.42	161	162	0.0823
75	9.46	34.202	5.87	75	9.46	34.202	5.87	26.43	160	161	0.1228
97	9.44	34.197	5.77	100	9.42	34.197	5.75	26.44	159	161	0.1632
122	9.32	34.201	5.66	125	9.31	34.200	5.68	26.46	157	160	0.2034
146	9.25	34.193	5.87	150	9.22	34.192	5.86	26.47	157	159	0.2434
192	8.96	34.183	5.78	200	8.64	34.166	5.75	26.54	150	153	0.3218
237	7.19	34.089	5.66	250	5.55	34.074	5.57	26.89	116	119	0.3901
271	2.91	34.050	5.45	300	2.39	34.023	5.34	27.18	089	091	0.4426
357	1.39	33.971	5.14	400	1.01	33.977	5.24	27.24	083	083	0.5301
442	0.64	33.984	5.35								

GANGWON 867 , STATION 105-09 , 37-33.2. N, 130-37.5. E, APR.16.1988, 02:10 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1016.5,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE , AMT , WEATHER

0	11.81	34.451	6.29	0	11.81	34.451	6.29	26.21	181	180	0.0000
10	11.74	34.484	6.40	10	11.74	34.484	6.40	26.25	177	177	0.0179
20	11.62	34.467	6.19	20	11.62	34.467	6.19	26.26	176	176	0.0356
30	11.43	34.374	5.98	30	11.43	34.374	5.98	26.22	180	180	0.0534
50	11.13	34.315	5.88	50	11.13	34.315	5.88	26.23	179	180	0.0895
75	9.58	34.230	5.77	75	9.58	34.230	5.77	26.44	159	161	0.1321
100	9.48	34.214	5.45	100	9.48	34.214	5.45	26.44	159	161	0.1724
124	9.52	34.238	5.56	125	9.51	34.239	5.55	26.45	158	160	0.2127
148	9.39	34.265	5.45	150	9.36	34.262	5.46	26.50	154	156	0.2523
198	8.71	34.212	5.77	200	8.53	34.209	5.76	26.59	145	148	0.3287
241	5.01	34.156	5.67	250	4.34	34.130	5.64	27.08	099	101	0.3913
287	1.60	34.025	5.56	300	1.47	34.023	5.54	27.25	083	083	0.4376
380	0.74	34.017	5.45	400	0.69	34.010	5.45	27.29	079	079	0.5190
487	0.49	33.980	5.45								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, APR.16.1988, 00:35 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1016.5,
 ATR TEMP. DRY 10.5, WET , CLOUD. TYPE , AMT , WEATHER B

0	10.55	34.195	6.19	0	10.55	34.195	6.19	26.24	178	177	0.0000
10	9.94	34.201	6.39	10	9.94	34.201	6.39	26.35	167	167	0.0172
20	9.90	34.198	6.29	20	9.90	34.198	6.29	26.36	167	167	0.0340
30	9.80	34.240	6.08	30	9.80	34.240	6.08	26.41	162	163	0.0505
50	9.74	34.216	5.77	50	9.74	34.216	5.77	26.40	163	164	0.0832
75	9.61	34.199	5.56	75	9.61	34.199	5.56	26.41	162	163	0.1243
96	9.53	34.238	5.56	100	9.54	34.241	5.57	26.45	158	160	0.1648
121	9.64	34.257	5.66	125	9.55	34.246	5.64	26.45	158	160	0.2049
145	9.12	34.193	5.56	150	9.00	34.188	5.57	26.50	154	156	0.2446
189	8.11	34.153	5.66	200	7.35	34.135	5.61	26.70	134	137	0.3181
236	4.88	34.077	5.47	250	3.85	34.046	5.43	27.06	100	102	0.3780
280	1.67	33.982	5.35	300	1.50	33.982	5.36	27.21	086	087	0.4254
382	0.85	33.982	5.45	400	0.79	33.987	5.39	27.26	081	081	0.5098
479	0.53	34.009	5.14								

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, APR.15.1988, 23:00 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1016.5,
 ATR TEMP. DRY 11.0, WET , CLOUD. TYPE , AMT , WEATHER B

0	10.34	34.202	6.20	0	10.34	34.202	6.20	26.29	174	173	0.0000
10	9.84	34.200	6.28	10	9.84	34.200	6.28	26.37	166	166	0.0170
20	9.78	34.197	6.18	20	9.78	34.197	6.18	26.38	165	165	0.0336
30	9.74	34.205	6.08	30	9.74	34.205	6.08	26.39	164	164	0.0501
50	9.69	34.206	5.87	50	9.69	34.206	5.87	26.40	163	164	0.0830
75	9.45	34.222	5.77	75	9.45	34.222	5.77	26.45	158	159	0.1234
96	9.35	34.225	5.77	100	9.31	34.222	5.75	26.47	156	158	0.1632
123	9.13	34.209	5.68	125	9.10	34.208	5.66	26.50	154	156	0.2025
144	8.91	34.201	5.56	150	8.72	34.190	5.56	26.54	149	152	0.2410
186	7.60	34.124	5.57	200	6.47	34.084	5.56	26.79	126	129	0.3114
230	4.05	34.001	5.56	250	3.15	34.010	5.51	27.10	097	098	0.3684
275	2.04	34.022	5.45	300	1.70	34.014	5.42	27.22	085	086	0.4145
374	0.73	33.991	5.36	400	0.66	33.993	5.35	27.27	080	080	0.4977
467	0.48	34.001	5.35								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, JUN.10.1988, 06:50 KST,
 DEPTH 48 , COLOR 5, TRANS. 6.5, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 996.8,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	16.90	33.879	6.64	0	16.90	33.879	6.64	24.69	325	325	0.0000
10	16.78	34.068	6.44	10	16.78	34.068	6.44	24.87	309	309	0.0317
20	16.49	34.113	6.23	20	16.49	34.113	6.23	24.97	299	299	0.0621
30	5.86	34.181	5.92	30	5.86	34.181	5.92	26.94	112	112	0.0827
46	2.27	34.058	5.71								

GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.5. E, JUN.11.1988, 07:45 KST,
 DEPTH 250 , COLOR 6, TRANS. 6.0, WAVE S 1, SWELL S 1, WIND S 1 , BARO 999. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	15.54	34.065	6.44	0	15.54	34.065	6.44	25.15	282	282	0.0000
10	14.22	34.135	6.44	10	14.22	34.135	6.44	25.49	250	250	0.0266
20	12.97	34.214	6.02	20	12.97	34.214	6.02	25.80	219	220	0.0501
30	10.67	34.243	5.71	30	10.67	34.243	5.71	26.26	176	177	0.0699
50	5.91	34.128	5.71	50	5.91	34.128	5.71	26.89	116	117	0.0994
75	3.38	34.007	5.61	75	3.38	34.007	5.61	27.08	099	099	0.1265
91	2.66	33.993	5.82	100	2.60	33.988	5.78	27.13	094	094	0.1507
122	2.47	33.978	5.71	125	2.40	33.978	5.71	27.14	093	093	0.1742
147	1.94	33.982	5.71	150	1.91	33.982	5.72	27.18	089	089	0.1971
195	1.49	33.984	5.91	200	1.46	33.984	5.87	27.22	086	086	0.2411
240	1.23	33.992	5.61								

GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, JUN.11.1988, 06:55 KST,
 DEPTH 380 , COLOR 6, TRANS. 6.0, WAVE S 2, SWELL S 1, WIND S 2 , BARO 999.5,
 AIR TEMP. DRY 18.3, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	15.77	34.105	6.24	0	15.77	34.105	6.24	25.13	284	284	0.0000
10	15.73	34.202	6.54	10	15.73	34.202	6.54	25.21	276	276	0.0280
20	15.22	34.269	6.23	20	15.22	34.269	6.23	25.37	260	261	0.0549
30	14.99	34.299	6.02	30	14.99	34.299	6.02	25.45	253	254	0.0806
50	14.39	34.429	5.82	50	14.39	34.429	5.82	25.68	232	233	0.1294
75	12.99	34.455	5.71	75	12.99	34.455	5.71	25.99	202	204	0.1841
103	12.15	34.355	5.50	100	12.24	34.365	5.52	26.07	195	197	0.2343
120	10.22	34.277	5.19	125	9.07	34.245	5.21	26.53	150	153	0.2781
139	5.85	34.156	5.29	150	5.17	34.145	5.36	26.99	107	108	0.3107

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
188	2.86	34.108	5.61	200	2.66	34.084	5.53	27.20	087	088	0.3599
237	2.08	34.012	5.29	250	1.86	34.007	5.34	27.20	087	087	0.4039
283	1.32	33.997	5.50	300	1.20	33.991	5.52	27.24	083	084	0.4468
355	0.83	33.974	5.61								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, JUN.11.1988, 05:20 KST,
 DEPTH 810 , COLOR , TRANS. , WAVE S 4, SWELL S 2, WIND S 4 , BARO 1000. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE ST, AMT 03, WEATHER BC

0	18.02	34.084	6.12	0	18.02	34.084	6.12	24.58	336	336	0.0000
10	17.95	34.140	6.33	10	17.95	34.140	6.33	24.64	330	330	0.0333
20	15.89	34.287	5.92	20	15.89	34.287	5.92	25.24	273	274	0.0635
30	15.14	34.355	5.81	30	15.14	34.355	5.81	25.46	252	253	0.0899
50	14.78	34.452	5.71	50	14.78	34.452	5.71	25.61	238	239	0.1392
75	12.66	34.432	5.61	75	12.66	34.432	5.61	26.03	198	199	0.1941
97	10.21	34.378	5.40	100	10.16	34.362	5.35	26.44	159	161	0.2392
116	9.92	34.277	5.09	125	9.74	34.238	5.09	26.42	161	164	0.2799
131	9.62	34.212	5.09	150	9.16	34.193	5.12	26.48	156	158	0.3203
179	8.47	34.165	5.18	200	6.76	34.098	5.18	26.76	129	132	0.3930
222	4.98	34.029	5.20	250	3.17	34.015	5.33	27.10	096	098	0.4506
266	2.15	34.007	5.41	300	1.85	34.304	5.40	27.44	064	065	0.4915
376	1.21	34.970	5.40	400	1.02	34.692	5.45	27.81	029	030	0.5392
462	0.53	33.975	5.61								

GANGWON 867 , STATION 105-07 , 37-33.2. N, 130-00.0. E, JUN.11.1988, 03:50 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 2 , BARO 1000. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE , AMT , WEATHER

0	17.67	34.269	6.23	0	17.67	34.269	6.23	24.81	314	314	0.0000
10	17.04	34.230	6.44	10	17.04	34.230	6.44	24.93	303	303	0.0308
20	15.58	34.378	5.81	20	15.58	34.378	5.81	25.38	260	260	0.0590
30	13.26	34.308	5.61	30	13.26	34.308	5.61	25.82	218	219	0.0830
50	10.71	34.210	5.29	50	10.71	34.210	5.29	26.23	179	180	0.1230
75	9.92	34.204	5.18	75	9.92	34.204	5.18	26.36	167	168	0.1666
98	9.60	34.156	5.18	100	9.59	34.155	5.16	26.38	165	167	0.2086
122	9.49	34.148	4.98	125	9.48	34.150	5.01	26.39	164	166	0.2504
139	9.44	34.161	5.19	150	9.37	34.152	5.24	26.41	162	165	0.2918
183	9.16	34.126	5.40	200	8.97	34.125	5.33	26.45	158	161	0.3735
235	8.59	34.123	5.19	250	7.70	34.094	5.24	26.62	142	146	0.4505
298	4.89	34.002	5.40	300	4.81	34.001	5.40	26.92	113	116	0.5162
395	1.39	33.972	5.61	400	1.35	33.973	5.60	27.21	086	086	0.6180
493	0.66	33.995	5.50								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-08 , 37-33.2. N, 130-18.7. E, JUN.11.1988, 02:20 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 17.7, WET , CLOUD. TYPE , AMT , WEATHER

0	17.82	34.280	6.44	0	17.82	34.280	6.44	24.78	317	317	0.0000
10	17.30	34.312	6.44	10	17.30	34.312	6.44	24.93	303	303	0.0310
20	15.63	34.333	5.81	20	15.63	34.333	5.81	25.33	264	265	0.0594
30	13.27	34.314	5.61	30	13.27	34.314	5.61	25.82	218	218	0.0836
50	10.74	34.252	5.29	50	10.74	34.252	5.29	26.25	177	178	0.1233
75	9.80	34.208	5.50	75	9.80	34.208	5.50	26.38	165	166	0.1663
100	9.49	34.156	5.19	100	9.49	34.156	5.19	26.39	164	165	0.2078
125	9.43	34.175	5.29	125	9.43	34.175	5.29	26.42	161	163	0.2490
144	9.35	34.177	5.29	150	9.26	34.174	5.29	26.44	159	161	0.2897
186	8.78	34.158	5.31	200	8.14	33.842	5.33	26.36	167	170	0.3727
235	6.54	33.052	5.40	250	5.48	33.365	5.40	26.34	168	171	0.4581
280	3.37	33.991	5.41	300	2.87	33.995	5.40	27.11	095	097	0.5253
383	0.82	34.013	5.40	400	0.77	34.009	5.43	27.28	079	079	0.6139
487	0.53	33.992	5.61								

GANGWON 867 , STATION 105-09 , 37-33.2. N, 130-37.5. E, JUN.11.1988, 00:45 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE S 2, SWELL S 1, WIND S 2 , BARO 1001. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE , AMT , WEATHER

0	17.82	34.304	6.33	0	17.82	34.304	6.33	24.80	315	315	0.0000
10	17.28	34.312	6.23	10	17.28	34.312	6.23	24.93	302	302	0.0309
20	16.68	34.333	6.02	20	16.68	34.333	6.02	25.09	287	288	0.0604
30	15.27	34.438	5.61	30	15.27	34.438	5.61	25.49	249	250	0.0873
50	12.47	34.401	5.50	50	12.47	34.401	5.50	26.05	196	197	0.1321
75	12.00	34.347	5.09	75	12.00	34.347	5.09	26.10	192	193	0.1810
96	9.90	34.258	5.19	100	9.76	34.253	5.19	26.42	161	162	0.2256
119	9.15	34.230	5.20	125	8.93	34.207	5.20	26.52	151	153	0.2652
143	8.28	34.138	5.20	150	7.94	34.123	5.19	26.61	143	145	0.3026
195	5.79	34.029	5.19	200	5.37	34.023	5.22	26.87	118	120	0.3692
235	2.47	33.986	5.50	250	2.04	33.981	5.43	27.17	090	091	0.4220
280	1.18	33.972	5.29	300	1.07	33.974	5.29	27.23	084	084	0.4659
380	0.63	33.984	5.29	400	0.60	33.986	5.33	27.27	080	080	0.5483
476	0.49	33.996	5.50								

GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, JUN.10.1988, 23:15 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	17.94	34.328	6.12	0	17.94	34.328	6.12	24.79	316	316	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	17.29	34.335	6.54	10	17.29	34.335	6.54	24.95	301	301	0.0308
20	16.28	34.356	6.23	20	16.28	34.356	6.23	25.20	277	277	0.0598
30	13.93	34.488	5.61	30	13.93	34.488	5.61	25.82	218	218	0.0846
50	11.42	34.340	5.29	50	11.42	34.340	5.29	26.20	182	183	0.1248
75	10.28	34.273	5.19	75	10.28	34.273	5.19	26.35	168	169	0.1689
97	9.66	34.245	4.98	100	9.63	34.242	4.98	26.44	159	161	0.2103
125	9.42	34.224	4.98	125	9.42	34.224	4.98	26.46	157	160	0.2505
144	8.62	34.140	5.40	150	8.19	34.126	5.38	26.58	146	149	0.2891
184	5.77	34.050	5.29	200	4.62	34.033	5.36	26.97	109	111	0.3542
231	2.41	34.002	5.50	250	2.00	34.006	5.39	27.19	088	088	0.4042
286	1.24	34.015	5.19	300	1.08	34.005	5.27	27.26	082	082	0.4470
335	0.71	33.981	5.50	400	0.54	33.985	5.41	27.27	080	080	0.5281
408	0.53	33.986	5.40								

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, JUN.10.1988, 21:40 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.63	34.347	6.44	0	18.63	34.347	6.44	24.63	331	331	0.0000
10	17.13	34.355	6.23	10	17.13	34.355	6.23	25.00	296	296	0.0313
20	16.11	34.381	5.71	20	16.11	34.381	5.71	25.26	271	271	0.0597
30	14.06	34.393	5.50	30	14.06	34.393	5.50	25.72	228	228	0.0848
50	11.34	34.323	5.40	50	11.34	34.323	5.40	26.20	182	183	0.1259
75	10.13	34.260	5.40	75	10.13	34.260	5.40	26.37	166	167	0.1698
99	9.85	34.247	5.19	100	9.84	34.246	5.18	26.41	162	164	0.2114
121	9.63	34.236	5.09	125	9.47	34.219	5.15	26.45	159	161	0.2521
140	8.89	34.156	5.40	150	8.24	34.138	5.35	26.58	146	148	0.2909
188	5.80	34.072	5.19	200	5.16	34.055	5.19	26.93	113	115	0.3570
235	3.30	34.009	5.19	250	2.84	33.997	5.28	27.12	095	096	0.4100
284	1.81	33.972	5.50	300	1.65	33.973	5.50	27.19	088	088	0.4563
376	0.94	33.983	5.50	400	0.86	33.990	5.47	27.26	081	081	0.5417
469	0.65	34.013	5.40								

8 月(August)

GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, AUG. 5.1988, 10:00 KST,
 DEPTH 48 , COLOR 3, TRANS. 15.0, WAVE W 2, SWELL W 1, WIND W 2 , BARO 1004.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	22.62	33.090	5.22	0	22.62	33.090	5.22	22.61	524	523	0.0000
10	22.43	33.131	5.40	10	22.43	33.131	5.40	22.70	516	516	0.0520
20	21.55	33.130	5.61	20	21.55	33.130	5.61	22.94	492	493	0.1024
30	18.27	33.795	5.38	30	18.27	33.795	5.38	24.30	363	363	0.1453
45	12.41	34.413	4.88								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.5. E, AUG. 5.1988, 10:40 KST,
 DEPTH 250 , COLOR 3, TRANS. 15.0, WAVE W 2, SWELL W 1, WIND W 2 , BARO 1004.5,
 AIR TEMP. DRY 27.8, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	23.13	33.194	5.19	0	23.13	33.194	5.19	22.55	530	530	0.0000
10	20.89	33.574	5.29	10	20.89	33.574	5.29	23.46	443	443	0.0487
20	17.04	33.951	5.31	20	17.04	33.951	5.31	24.72	323	323	0.0870
30	12.93	34.411	5.31	30	12.93	34.411	5.31	25.96	204	205	0.1135
50	11.50	34.314	5.32	50	11.50	34.314	5.32	26.16	185	186	0.1527
75	8.94	34.282	5.40	75	8.94	34.282	5.40	26.58	146	147	0.1944
97	7.60	34.178	5.28	100	7.34	34.169	5.29	26.73	131	133	0.2295
126	5.14	34.099	5.39	125	5.22	34.101	5.38	26.95	110	111	0.2601
150	4.07	34.057	5.63	150	4.07	34.057	5.63	27.05	102	103	0.2870
190	1.76	33.972	5.63	200	1.59	33.962	5.59	27.19	088	088	0.3350
230	1.11	33.935	5.50								

GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, AUG. 5.1988, 11:30 KST,
 DEPTH 380 , COLOR 3, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1004. ,
 AIR TEMP. DRY 28.1, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	22.96	33.404	4.98	0	22.96	33.404	4.98	22.75	510	510	0.0000
10	19.93	34.107	5.19	10	19.93	34.107	5.19	24.11	380	380	0.0445
20	17.32	34.396	5.09	20	17.32	34.396	5.09	24.99	297	297	0.0785
30	14.80	34.419	5.17	30	14.80	34.419	5.17	25.58	241	241	0.1054
50	13.12	34.241	5.19	50	13.12	34.241	5.19	25.80	220	221	0.1518
75	8.49	34.221	4.98	75	8.49	34.221	4.98	26.60	144	145	0.1976
100	7.84	34.172	5.02	100	7.84	34.172	5.02	26.66	138	139	0.2333
124	6.57	34.097	5.00	125	6.45	34.092	5.00	26.79	126	127	0.2667
141	4.64	34.025	5.09	150	4.08	34.032	5.14	27.03	104	105	0.2957
191	1.53	34.068	5.40	200	1.47	34.047	5.41	27.26	081	081	0.3424
241	1.24	33.952	5.50	250	1.16	33.950	5.50	27.21	086	086	0.3845
289	0.85	33.945	5.50	300	0.81	33.941	5.48	27.22	085	085	0.4275
337	0.68	33.931	5.42								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, AUG. 5.1988, 13:10 KST,
 DEPTH 1380 , COLOR 3, TRANS. 17.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1005. ,
 AIR TEMP. DRY 28.8, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	24.16	33.011	5.09	0	24.16	33.011	5.09	22.11	572	572	0.0000
10	22.20	33.759	5.28	10	22.20	33.759	5.28	23.24	464	464	0.0518

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	20.67	34.083	5.09	20	20.67	34.083	5.09	23.90	401	401	0.0951
30	17.44	34.350	5.20	30	17.44	34.350	5.20	24.92	303	304	0.1304
50	14.87	34.458	5.01	50	14.87	34.458	5.01	25.60	239	240	0.1849
75	12.36	34.382	4.88	75	12.36	34.382	4.88	26.05	196	197	0.2397
99	10.05	34.323	4.76	100	10.03	34.321	4.76	26.43	160	162	0.2847
122	9.64	34.298	4.76	125	9.54	34.292	4.80	26.49	154	156	0.3246
143	8.97	34.259	5.08	150	8.43	34.242	5.12	26.63	141	144	0.3622
192	5.23	34.143	5.41	200	4.82	34.132	5.40	27.02	104	105	0.4247
242	2.70	34.076	5.40	250	2.46	34.059	5.40	27.20	087	088	0.4734
288	1.34	33.982	5.40	300	1.25	33.979	5.40	27.23	085	085	0.5169
380	0.69	33.960	5.41	400	0.64	33.957	5.38	27.25	083	082	0.6010
466	0.51	33.950	5.31								

GANGWON 867 , STATION 105-07 , 37-33.2. N, 130-00.0. E, AUG. 5.1988, 14:45 KST,
 DEPTH 1480 , COLOR 2, TRANS. 23.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1004.5,
 ATR TEMP. DRY 30.5, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	24.33	33.232	4.98	0	24.33	33.232	4.98	22.22	561	561	0.0000
10	24.03	34.034	5.19	10	24.03	34.034	5.19	22.92	495	495	0.0528
20	21.42	34.155	5.11	20	21.42	34.155	5.11	23.75	415	415	0.0983
30	16.34	34.201	5.11	30	16.34	34.201	5.11	25.07	289	290	0.1336
50	15.48	34.360	5.08	50	15.48	34.360	5.08	25.39	259	260	0.1887
75	14.00	34.487	4.77	75	14.00	34.487	4.77	25.80	219	221	0.2490
93	11.68	34.386	4.67	100	11.35	34.367	4.74	26.23	179	181	0.2994
124	10.25	34.303	4.98	125	10.21	34.301	4.98	26.38	164	167	0.3430
150	9.36	34.258	4.98	150	9.36	34.258	4.98	26.49	154	157	0.3835
192	7.30	34.178	5.31	200	6.76	34.165	5.34	26.81	124	127	0.4545
232	4.61	34.117	5.50	250	3.36	34.099	5.50	27.15	092	093	0.5098
271	1.91	34.078	5.51	300	1.60	34.054	5.48	27.26	081	082	0.5538
374	0.81	33.994	5.41	400	0.72	33.985	5.41	27.26	081	081	0.6356
467	0.51	33.963	5.42								

GANGWON 867 , STATION 105-08 , 37-33.2. N, 130-18.7. E, AUG. 5.1988, 16:25 KST,
 DEPTH 1503 , COLOR 2, TRANS. 22.0, WAVE S 2, SWELL S 1, WIND S 2 , BARO 1005. ,
 ATR TEMP. DRY 27.5, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	24.48	33.400	4.78	0	24.48	33.400	4.78	22.31	553	553	0.0000
10	22.32	34.184	4.98	10	22.32	34.184	4.98	23.52	437	437	0.0495
20	22.01	34.257	5.08	20	22.01	34.257	5.08	23.67	423	423	0.0925
30	19.55	34.323	5.28	30	19.55	34.323	5.28	24.38	355	356	0.1315
50	15.52	34.413	5.32	50	15.52	34.413	5.32	25.42	256	257	0.1930

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
75	13.40	34.491	5.50	75	13.40	34.491	5.50	25.93	207	209	0.2514
98	11.34	34.406	5.09	100	11.25	34.403	5.07	26.28	174	176	0.2997
121	10.40	34.380	4.88	125	10.11	34.362	4.94	26.45	158	160	0.3419
141	8.96	34.292	5.21	150	8.51	34.268	5.24	26.64	140	143	0.3799
193	6.37	34.156	5.41	200	5.88	34.148	5.39	26.91	114	117	0.4451
247	2.64	34.097	5.29	250	2.55	34.090	5.29	27.22	086	087	0.4961
293	1.31	33.990	5.40	300	1.25	33.988	5.40	27.23	084	084	0.5391
386	0.60	33.970	5.50	400	0.56	33.969	5.48	27.26	081	081	0.6221
476	0.37	33.968	5.40								

GANGWON 867 , STATION 105-09 , 37-33.2. N, 130-37.5. E, AUG. 5.1988, 17:55 KST,
 DEPTH 1140 , COLOR 2, TRANS. 22.0, WAVE S 2, SWELL S 1, WIND S 2 , BARO 1005. ,
 ATR TEMP. DRY 26.5, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	24.51	33.277	4.88	0	24.51	33.277	4.88	22.21	563	562	0.0000
10	22.19	34.007	5.19	10	22.19	34.007	5.19	23.43	446	446	0.0504
20	21.75	34.115	5.20	20	21.75	34.115	5.20	23.63	426	427	0.0941
30	19.31	34.425	5.21	30	19.31	34.425	5.21	24.52	342	343	0.1326
50	19.25	34.536	5.19	50	19.25	34.536	5.19	24.62	332	334	0.2004
75	14.02	34.477	4.98	75	14.02	34.477	4.98	25.79	221	222	0.2700
97	11.23	34.460	4.78	100	11.11	34.450	4.83	26.34	168	170	0.3192
120	10.33	34.390	5.19	125	10.07	34.368	5.19	26.46	157	159	0.3605
143	9.16	34.291	5.19	150	8.78	34.273	5.23	26.60	144	147	0.3989
191	6.59	34.169	5.50	200	5.91	34.146	5.48	26.91	115	117	0.4651
243	2.70	34.037	5.40	250	2.48	34.031	5.38	27.17	089	090	0.5173
289	1.31	34.001	5.31	300	1.22	33.998	5.29	27.24	083	083	0.5610
382	0.63	33.978	5.19	400	0.60	33.973	5.19	27.26	081	081	0.6436
481	0.50	33.951	5.21								

GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, AUG. 5.1988, 19:40 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1005. ,
 ATR TEMP. DRY 26.3, WET , CLOUD. TYPE , AMT 10, WEATHER F

0	24.21	33.283	4.78	0	24.21	33.283	4.78	22.30	554	553	0.0000
10	23.82	34.002	5.19	10	23.82	34.002	5.19	22.96	491	491	0.0522
20	22.31	34.114	5.40	20	22.31	34.114	5.40	23.47	441	442	0.0989
30	21.68	34.308	5.29	30	21.68	34.308	5.29	23.80	411	411	0.1416
50	16.41	34.467	5.40	50	16.41	34.467	5.40	25.26	271	273	0.2101
75	15.23	34.553	5.29	75	15.23	34.553	5.29	25.59	240	242	0.2745
98	12.28	34.342	5.21	100	12.09	34.330	5.20	26.06	195	197	0.3294
121	10.20	34.210	5.19	125	9.98	34.195	5.19	26.34	169	171	0.3755

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
144	8.99	34.126	5.21	150	8.57	34.121	5.22	26.51	152	155	0.4163
192	5.64	34.091	5.31	200	5.16	34.085	5.33	26.95	111	113	0.4834
246	2.40	34.054	5.50	250	2.31	34.049	5.49	27.20	087	088	0.5337
295	1.32	34.003	5.39	300	1.28	34.000	5.39	27.24	083	083	0.5767
386	0.60	33.955	5.50	400	0.56	33.951	5.46	27.25	083	082	0.6601
478	0.34	33.933	5.29								

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, AUG. 5.1988, 21:15 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1005. ,
 AIR TEMP. DRY 25.9, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	24.31	33.317	4.78	0	24.31	33.317	4.78	22.29	554	554	0.0000
10	23.79	33.935	5.09	10	23.79	33.935	5.09	22.91	495	495	0.0524
20	22.37	34.049	5.21	20	22.37	34.049	5.21	23.41	448	448	0.0996
30	21.51	34.213	5.19	30	21.51	34.213	5.19	23.77	413	414	0.1428
50	18.04	34.394	5.29	50	18.04	34.394	5.29	24.81	314	315	0.2158
75	15.34	34.529	5.19	75	15.34	34.529	5.19	25.55	244	246	0.2860
100	12.75	34.460	5.09	100	12.75	34.460	5.09	26.04	197	199	0.3417
124	11.30	34.415	4.87	125	11.22	34.410	4.87	26.29	173	176	0.3888
148	9.52	34.311	4.96	150	9.40	34.304	4.96	26.52	151	154	0.4301
195	6.70	34.167	4.98	200	6.27	34.159	5.00	26.87	118	121	0.4990
243	2.61	34.093	5.19	250	2.45	34.080	5.22	27.22	085	086	0.5510
289	1.56	34.013	5.40	300	1.47	34.010	5.40	27.24	084	084	0.5939
381	0.83	33.988	5.41	400	0.76	33.982	5.40	27.26	081	081	0.6771
463	0.56	33.965	5.40								

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GANGWON 867 , STATION 105-03 , 37-33.2. N, 129-10.3. E, OCT.17.1988, 05:20 KST,
 DEPTH 48 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1012. ,
 AIR TEMP. DRY 17.2, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	20.91	33.801	5.53	0	20.91	33.801	5.53	23.62	427	427	0.0000
10	20.95	33.954	5.62	10	20.95	33.954	5.62	23.73	417	417	0.0422
20	20.71	34.136	5.54	20	20.71	34.136	5.54	23.93	398	398	0.0830
30	20.59	34.275	5.31	30	20.59	34.275	5.31	24.07	385	385	0.1223
46	18.35	34.398	5.21								

GANGWON 867 , STATION 105-04 , 37-33.2. N, 129-15.5. E, OCT.17.1988, 04:40 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1009.5,
 AIR TEMP. DRY 17.4, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.73	33.838	5.42	0	20.73	33.838	5.42	23.70	420	420	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	20.41	33.961	5.52	10	20.41	33.961	5.52	23.88	403	403	0.0411
20	20.20	34.158	5.43	20	20.20	34.158	5.43	24.08	383	384	0.0805
30	20.12	34.298	5.42	30	20.12	34.298	5.42	24.21	371	372	0.1183
50	15.14	34.416	5.00	50	15.14	34.416	5.00	25.51	248	249	0.1805
75	9.38	34.294	5.21	75	9.38	34.294	5.21	26.52	152	153	0.2309
97	5.53	34.109	5.52	100	5.15	34.102	5.53	26.96	109	110	0.2639
121	2.50	34.056	5.63	125	2.31	34.049	5.64	27.20	087	087	0.2887
143	1.46	34.020	5.73	150	1.39	34.021	5.71	27.25	082	082	0.3100
190	1.04	34.031	5.62	200	0.95	34.027	5.62	27.28	079	079	0.3506
230	0.68	34.018	5.64								

GANGWON 867 , STATION 105-05 , 37-33.2. N, 129-22.6. E, OCT.17.1988, 03:40 KST,
 DEPTH 380 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1010. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.07	33.881	5.40	0	20.07	33.881	5.40	23.91	400	400	0.0000
10	20.05	34.007	5.62	10	20.05	34.007	5.62	24.01	391	391	0.0395
20	19.98	34.150	5.21	20	19.98	34.150	5.21	24.13	378	379	0.0780
30	19.62	34.352	5.10	30	19.62	34.352	5.10	24.38	355	356	0.1148
50	15.51	34.538	5.08	50	15.51	34.538	5.08	25.52	247	248	0.1753
75	11.97	34.402	5.09	75	11.97	34.402	5.09	26.14	187	189	0.2300
97	9.05	34.263	4.90	100	8.68	34.245	4.94	26.59	145	146	0.2719
124	5.73	34.105	5.31	125	5.56	34.101	5.32	26.91	114	115	0.3047
147	1.94	34.033	5.73	150	1.93	34.033	5.73	27.22	085	085	0.3300
199	1.82	34.048	5.74	200	1.80	34.047	5.74	27.24	083	083	0.3724
251	0.90	34.023	5.83	250	0.91	34.023	5.82	27.28	079	079	0.4133
296	0.63	33.984	5.62								

GANGWON 867 , STATION 105-06 , 37-33.2. N, 129-41.3. E, OCT.17.1988, 02:05 KST,
 DEPTH 870 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1011. ,
 AIR TEMP. DRY 17.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.45	33.867	5.32	0	19.45	33.867	5.32	24.06	386	386	0.0000
10	19.43	33.865	5.73	10	19.43	33.865	5.73	24.06	386	386	0.0386
20	19.42	33.920	5.63	20	19.42	33.920	5.63	24.10	381	382	0.0770
30	19.42	33.972	5.42	30	19.42	33.972	5.42	24.14	378	378	0.1150
50	19.30	34.124	5.32	50	19.30	34.124	5.32	24.29	364	365	0.1894
75	15.47	34.356	5.21	75	15.47	34.356	5.21	25.39	259	261	0.2678
100	13.13	34.472	5.10	100	13.13	34.472	5.10	25.97	204	206	0.3262
126	11.14	34.336	5.21	125	11.21	34.341	5.20	26.24	178	181	0.3747
150	8.30	34.259	5.31	150	8.30	34.259	5.31	26.66	138	140	0.4150

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
197	4.75	34.119	5.52	200	4.57	34.116	5.53	27.04	102	104	0.4763
245	2.02	34.072	5.83	250	1.88	34.065	5.83	27.25	082	083	0.5233
286	0.94	34.019	5.83	300	0.89	34.018	5.80	27.28	079	079	0.5641
394	0.61	34.014	5.62	400	0.59	34.014	5.62	27.29	078	078	0.6433
498	0.41	34.024	5.64								

GANGWON 867 , STATION 105-07 , 37-33.2. N, 130-00.0. E, OCT.17.1988, 00:25 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1012. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.86	33.890	5.21	0	19.86	33.890	5.21	23.97	394	394	0.0000
10	19.81	33.908	5.62	10	19.81	33.908	5.62	23.99	392	392	0.0393
20	19.79	33.916	5.64	20	19.79	33.916	5.64	24.01	391	391	0.0785
30	19.70	34.117	5.43	30	19.70	34.117	5.43	24.18	374	375	0.1168
50	19.63	34.218	5.31	50	19.63	34.218	5.31	24.28	365	366	0.1910
75	15.89	34.355	5.21	75	15.89	34.355	5.21	25.29	268	270	0.2706
101	14.92	34.493	4.90	100	14.95	34.487	4.91	25.60	239	241	0.3347
124	14.22	34.417	4.90	125	14.07	34.413	4.91	25.73	226	229	0.3937
144	11.31	34.349	5.10	150	11.18	34.342	5.11	26.24	178	181	0.4451
192	10.34	34.294	5.21	200	10.01	34.288	5.25	26.41	162	166	0.5320
243	8.29	34.259	5.52	250	7.83	34.238	5.55	26.72	133	137	0.6079
292	5.10	34.115	5.73	300	4.75	34.110	5.74	27.02	104	107	0.6692
390	0.82	34.064	5.94	400	0.78	34.059	5.92	27.32	076	076	0.7612
489	0.49	34.022	5.83								

GANGWON 867 , STATION 105-08 , 37-33.2. N, 130-18.7. E, OCT.16.1988, 22:50 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1012.5,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.38	33.894	5.52	0	19.38	33.894	5.52	24.10	382	382	0.0000
10	19.47	33.890	5.64	10	19.47	33.890	5.64	24.07	385	385	0.0383
20	19.46	33.941	5.62	20	19.46	33.941	5.62	24.11	381	381	0.0767
30	19.32	34.095	5.53	30	19.32	34.095	5.53	24.26	366	367	0.1141
50	18.68	34.240	5.42	50	18.68	34.240	5.42	24.54	340	341	0.1850
75	16.41	34.403	5.00	75	16.41	34.403	5.00	25.21	276	278	0.2626
98	15.27	34.515	4.89	100	15.18	34.507	4.88	25.56	242	245	0.3281
123	14.26	34.421	4.79	125	14.17	34.417	4.81	25.71	228	231	0.3877
147	13.23	34.384	5.10	150	13.15	34.380	5.10	25.90	211	214	0.4434
191	12.10	34.335	5.21	200	11.61	34.326	5.25	26.15	186	191	0.5449
236	9.66	34.290	5.42	250	8.21	34.243	5.52	26.66	138	142	0.6283
276	5.54	34.158	5.73	300	4.84	34.125	5.67	27.02	104	107	0.6909
364	2.98	34.037	5.53	400	2.11	34.022	5.57	27.20	087	089	0.7893
453	0.84	34.000	5.64								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 105-09 , 37-33.2. N, 130-37.5. E, OCT.16.1988, 21:10 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1013. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.34	33.912	5.10	0	19.34	33.912	5.10	24.12	380	380	0.0000
10	19.33	33.928	5.62	10	19.33	33.928	5.62	24.13	379	379	0.0379
20	19.18	34.041	5.52	20	19.18	34.041	5.52	24.26	367	367	0.0752
30	18.16	34.351	5.21	30	18.16	34.351	5.21	24.75	320	320	0.1096
50	15.14	34.564	5.09	50	15.14	34.564	5.09	25.62	237	238	0.1656
75	14.32	34.484	4.99	75	14.32	34.484	4.99	25.73	226	228	0.2240
97	12.57	34.388	4.90	100	12.42	34.383	4.90	26.04	197	199	0.2775
122	11.37	34.352	4.90	125	11.23	34.347	4.93	26.24	178	181	0.3250
142	10.44	34.323	5.10	150	10.35	34.315	5.12	26.37	166	168	0.3688
182	10.00	34.286	5.20	200	9.44	34.244	5.35	26.47	156	160	0.4511
230	8.51	34.175	5.62	250	6.73	34.160	5.67	26.81	124	127	0.5232
273	4.69	34.144	5.74	300	3.96	34.119	5.73	27.11	096	098	0.5798
377	1.88	34.050	5.73	400	1.62	34.043	5.68	27.25	082	083	0.6708
482	0.70	34.022	5.52								

GANGWON 867 , STATION 105-10 , 37-33.2. N, 130-55.9. E, OCT.16.1988, 19:35 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE W 1, SWELL W 1, WIND W 2 , BARO 1012.5,
 AIR TEMP. DRY 18.1, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.63	33.870	5.52	0	19.63	33.870	5.52	24.01	390	390	0.0000
10	19.57	33.924	5.73	10	19.57	33.924	5.73	24.07	385	385	0.0387
20	19.53	33.951	5.73	20	19.53	33.951	5.73	24.10	382	382	0.0771
30	19.37	34.144	5.42	30	19.37	34.144	5.42	24.29	364	364	0.1145
50	19.07	34.376	5.31	50	19.07	34.376	5.31	24.54	340	341	0.1851
75	15.28	34.458	4.90	75	15.28	34.458	4.90	25.51	248	250	0.2591
102	14.01	34.552	4.69	100	14.10	34.545	4.70	25.83	217	220	0.3178
123	11.72	34.400	4.69	125	11.57	34.396	4.72	26.22	180	183	0.3683
146	10.00	34.362	5.10	150	9.90	34.358	5.10	26.48	155	158	0.4110
191	8.94	34.324	5.21	200	8.29	34.286	5.25	26.69	136	139	0.4855
238	5.57	34.129	5.42	250	4.47	34.109	5.47	27.05	102	104	0.5465
283	1.48	34.057	5.63	300	1.34	34.046	5.64	27.27	080	080	0.5929
378	0.70	34.000	5.73	400	0.64	34.005	5.71	27.29	079	079	0.6729
479	0.45	34.027	5.64								

GANGWON 867 , STATION 105-11 , 37-33.2. N, 131-14.6. E, OCT.16.1988, 18:00 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.56	33.898	5.21	0	19.56	33.898	5.21	24.05	386	386	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	19.53	33.924	5.73	10	19.53	33.924	5.73	24.08	384	384	0.0385
20	19.49	33.959	5.83	20	19.49	33.959	5.83	24.12	380	380	0.0767
30	19.37	34.154	5.22	30	19.37	34.154	5.22	24.30	363	364	0.1140
50	16.22	34.410	4.90	50	16.22	34.410	4.90	25.26	271	273	0.1777
75	14.40	34.538	4.80	75	14.40	34.538	4.80	25.76	224	226	0.2401
98	14.31	34.469	4.78	100	13.94	34.466	4.78	25.80	220	222	0.2962
121	10.07	34.438	4.78	125	9.95	34.418	4.78	26.52	152	154	0.3433
145	9.39	34.318	4.79	150	9.17	34.311	4.81	26.57	147	150	0.3814
193	7.36	34.255	5.00	200	6.86	34.241	5.04	26.86	120	122	0.4497
242	3.91	34.162	5.31	250	3.47	34.144	5.36	27.18	089	091	0.5033
288	1.38	34.062	5.62	300	1.29	34.055	5.66	27.28	079	079	0.5461
379	0.77	34.013	5.94	400	0.72	34.008	5.89	27.28	079	079	0.6258
469	0.58	33.994	5.73								

1 月(January) 1989

GYUNGBUG 853 , STATION 105-03 , 37-33.2. N, 129-10.3. E, JAN. 6.1989, 13:00 KST,
 DEPTH 48 , COLOR 4, TRANS. 11.0, WAVE SW 2, SWELL SW 1, WIND SW 1 , BARO 1031. ,
 AIR TEMP. DRY 10.7, WET , CLOUD. TYPE SC, AMT 09, WEATHER C

0	11.90	34.193	6.21	0	11.90	34.193	6.21	26.00	201	201	0.0000
10	11.91	34.186	6.00	10	11.91	34.186	6.00	25.99	202	202	0.0201
20	11.93	34.204	6.21	20	11.93	34.204	6.21	26.00	201	201	0.0403
30	11.93	34.200	6.21	30	11.93	34.200	6.21	26.00	201	202	0.0605
45	11.92	34.194	6.00								

GYUNGBUG 853 , STATION 105-04 , 37-33.2. N, 129-15.5. E, JAN. 6.1989, 12:10 KST,
 DEPTH 250 , COLOR 4, TRANS. 13.0, WAVE SW 2, SWELL SW 1, WIND SW 1 , BARO 1031. ,
 AIR TEMP. DRY 10.5, WET , CLOUD. TYPE SC, AMT 09, WEATHER C

0	11.90	34.204	6.21	0	11.90	34.204	6.21	26.00	200	200	0.0000
10	11.94	34.210	6.21	10	11.94	34.210	6.21	26.00	201	201	0.0200
20	11.88	34.265	6.53	20	11.88	34.265	6.53	26.06	196	196	0.0399
30	11.85	34.177	6.32	30	11.85	34.177	6.32	25.99	202	202	0.0599
50	11.68	34.181	6.00	50	11.68	34.181	6.00	26.03	198	199	0.1001
75	10.20	34.130	6.11	75	10.20	34.130	6.11	26.25	177	178	0.1473
97	7.77	34.064	5.89	100	7.28	34.061	5.91	26.66	139	140	0.1872
122	3.72	34.045	6.11	125	3.66	34.042	6.13	27.08	099	100	0.2172
147	3.29	34.021	6.32	150	3.24	34.021	6.30	27.10	097	097	0.2420
199	2.53	34.034	6.11	200	2.51	34.034	6.10	27.17	089	090	0.2891
248	1.73	34.043	5.89								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 105-05 , 37-33.2. N, 129-22.6. E, JAN. 6.1989, 11:00 KST,
 DEPTH 380 , COLOR 3, TRANS. 14.0, WAVE SW 2, SWELL SW 1, WIND SW 1 , BARO 1031. ,
 ATR TEMP. DRY 10.5, WET , CLOUD. TYPE SC, AMT 09, WEATHER C

0	11.73	34.167	6.11	0	11.73	34.167	6.11	26.01	200	200	0.0000
10	11.74	34.193	6.11	10	11.74	34.193	6.11	26.03	198	198	0.0199
20	11.88	34.210	6.21	20	11.88	34.210	6.21	26.01	200	200	0.0399
30	11.75	34.162	6.32	30	11.75	34.162	6.32	26.00	201	201	0.0600
50	11.62	34.166	5.79	50	11.62	34.166	5.79	26.03	198	199	0.1001
75	11.56	34.118	5.37	75	11.56	34.118	5.37	26.00	201	202	0.1504
99	4.58	34.101	5.26	100	4.52	34.099	5.27	27.03	103	104	0.1888
122	3.31	34.070	5.68	125	3.19	34.073	5.65	27.14	092	093	0.2134
146	2.42	34.095	5.47	150	2.36	34.091	5.48	27.23	084	084	0.2357
190	1.84	34.054	5.58	200	1.69	34.049	5.62	27.25	082	083	0.2777
238	1.16	34.034	5.79	250	1.12	34.037	5.79	27.28	079	080	0.3185
290	1.02	34.048	5.79	300	0.99	34.040	5.81	27.29	078	078	0.3582
365	0.80	33.991	6.00								

GYUNGBUG 853 , STATION 105-06 , 37-33.2. N, 129-41.3. E, JAN. 6.1989, 09:00 KST,
 DEPTH 810 , COLOR 3, TRANS. 14.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1031. ,
 ATR TEMP. DRY 9.9, WET , CLOUD. TYPE SC, AMT 09, WEATHER C

0	13.08	34.203	6.32	0	13.08	34.203	6.32	25.77	222	222	0.0000
10	13.00	34.212	6.42	10	13.00	34.212	6.42	25.80	220	220	0.0221
20	12.99	34.275	6.21	20	12.99	34.275	6.21	25.85	215	216	0.0439
30	12.42	34.260	5.89	30	12.42	34.260	5.89	25.95	206	206	0.0651
50	12.32	34.205	6.00	50	12.32	34.205	6.00	25.93	208	209	0.1067
75	12.17	34.191	5.68	75	12.17	34.191	5.68	25.94	206	208	0.1589
99	10.49	34.146	5.47	100	10.41	34.145	5.46	26.23	179	181	0.2076
125	8.45	34.126	5.37	125	8.45	34.126	5.37	26.54	150	152	0.2494
150	6.13	34.099	5.47	150	6.13	34.099	5.47	26.84	121	123	0.2838
201	1.87	34.054	5.79	200	1.95	34.054	5.78	27.24	084	084	0.3358
252	0.99	34.072	6.00	250	1.02	34.071	5.99	27.31	076	076	0.3761
298	0.73	34.048	6.00	300	0.72	34.047	5.99	27.31	076	076	0.4145
390	0.36	34.004	5.79	400	0.35	34.007	5.76	27.30	077	077	0.4914
483	0.35	34.039	5.58								

GYUNGBUG 853 , STATION 105-07 , 37-33.2. N, 130-00.0. E, JAN. 6.1989, 06:55 KST,
 DEPTH 1480 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1031. ,
 AIR TEMP. DRY 9.4, WET , CLOUD. TYPE , AMT , WEATHER BC

0	11.70	34.134	6.00	0	11.70	34.134	6.00	25.99	202	202	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	11.71	34.160	6.11	10	11.71	34.160	6.11	26.01	200	200	0.0201
20	11.70	34.154	6.11	20	11.70	34.154	6.11	26.00	201	201	0.0402
30	11.68	34.212	6.21	30	11.68	34.212	6.21	26.05	196	196	0.0601
50	11.65	34.206	5.79	50	11.65	34.206	5.79	26.05	196	197	0.0995
75	11.62	34.153	5.68	75	11.62	34.153	5.68	26.02	199	201	0.1493
99	11.50	34.127	5.26	100	11.49	34.125	5.26	26.02	199	201	0.1997
123	11.42	34.087	5.26	125	11.40	34.088	5.29	26.01	200	203	0.2503
144	11.27	34.103	5.58	150	11.03	34.096	5.64	26.08	193	196	0.3002
186	9.59	34.060	6.00	200	9.48	34.068	5.96	26.33	170	174	0.3929
229	9.28	34.085	5.89	250	8.65	34.071	5.89	26.46	157	161	0.4769
277	7.85	34.053	5.89	300	6.35	34.040	5.84	26.77	128	132	0.5505
374	1.55	33.999	5.68	400	1.33	34.005	5.71	27.24	083	084	0.6588
468	0.76	34.023	5.79								

GYUNGBUG 853 , STATION 105-08 , 37-33.2. N, 130-18.7. E, JAN. 6.1989, 04:55 KST,
 DEPTH 1503 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1031. ,
 ATR TEMP. DRY 9.8, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.74	34.142	6.00	0	11.74	34.142	6.00	25.99	202	202	0.0000
10	11.70	34.130	6.21	10	11.70	34.130	6.21	25.98	202	202	0.0202
20	11.74	34.165	6.42	20	11.74	34.165	6.42	26.00	200	201	0.0404
30	11.70	34.138	5.89	30	11.70	34.138	5.89	25.99	202	202	0.0606
50	11.70	34.169	5.68	50	11.70	34.169	5.68	26.02	199	200	0.1009
75	11.70	34.187	5.37	75	11.70	34.187	5.37	26.03	198	200	0.1511
101	11.50	34.133	5.37	100	11.50	34.135	5.37	26.02	199	201	0.2012
122	10.22	34.123	5.26	125	10.13	34.124	5.31	26.26	176	178	0.2487
144	9.60	34.132	5.68	150	9.44	34.127	5.70	26.38	165	168	0.2921
189	8.47	34.095	5.89	200	8.17	34.084	5.96	26.55	149	152	0.3723
234	7.26	34.054	6.21	250	6.52	34.047	6.07	26.75	130	133	0.4439
283	5.02	34.033	5.79	300	4.56	34.029	5.79	26.97	109	111	0.5052
377	2.51	34.011	5.79	400	2.03	34.016	5.84	27.20	087	088	0.6056
472	0.54	34.035	6.00								

GYUNGBUG 853 , STATION 105-09 , 37-33.2. N, 130-37.5. E, JAN. 6.1989, 02:50 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1031. ,
 ATR TEMP. DRY 9.8, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.77	34.162	6.53	0	11.77	34.162	6.53	26.00	201	201	0.0000
10	11.79	34.169	6.21	10	11.79	34.169	6.21	26.00	201	201	0.0201
20	11.77	34.157	6.32	20	11.77	34.157	6.32	25.99	202	202	0.0403
30	11.75	34.173	6.11	30	11.75	34.173	6.11	26.01	200	200	0.0604
50	11.75	34.192	5.79	50	11.75	34.192	5.79	26.02	199	200	0.1005
75	11.72	34.181	5.26	75	11.72	34.181	5.26	26.02	199	200	0.1507
95	11.71	34.168	5.26	100	11.69	34.173	5.28	26.02	199	201	0.2010

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
116	11.65	34.191	5.37	125	11.62	34.178	5.41	26.04	198	200	0.2512
137	11.60	34.161	5.47	150	11.07	34.137	5.56	26.11	191	194	0.3006
181	9.82	34.082	5.79	200	9.21	34.060	5.97	26.36	166	170	0.3918
225	8.43	34.032	6.21	250	7.83	34.061	6.09	26.58	146	150	0.4720
272	7.32	34.088	6.00	300	6.23	34.059	5.93	26.80	125	129	0.5420
368	3.60	33.990	5.79	400	2.62	33.993	5.79	27.13	093	095	0.6546
460	0.79	34.001	5.79								

GYUNGBUG 853 , STATION 105-10 , 37-33.2. N, 130-55.9. E, JAN. 6.1989, 00:50 KST,
 DEPTH 1140 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1031. ,
 ATR TEMP. DRY 9.8, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.82	34.123	6.11	0	11.82	34.123	6.11	25.96	205	205	0.0000
10	11.84	34.123	6.42	10	11.84	34.123	6.42	25.95	205	205	0.0205
20	11.85	34.136	5.89	20	11.85	34.136	5.89	25.96	205	205	0.0411
30	11.84	34.168	6.11	30	11.84	34.168	6.11	25.99	202	202	0.0615
50	11.82	34.181	5.68	50	11.82	34.181	5.68	26.00	201	202	0.1020
75	11.79	34.144	5.26	75	11.79	34.144	5.26	25.98	203	204	0.1528
101	11.78	34.138	5.89	100	11.78	34.138	5.86	25.98	203	205	0.2042
121	11.72	34.123	6.32	125	11.63	34.117	6.29	25.99	202	205	0.2555
142	11.27	34.095	6.21	150	10.95	34.100	6.25	26.10	192	195	0.3055
182	9.70	34.121	6.42	200	9.22	34.108	6.21	26.40	163	166	0.3960
228	8.48	34.089	5.89	250	7.90	34.062	5.74	26.57	147	151	0.4756
274	7.27	34.033	5.58	300	6.04	34.023	5.58	26.79	126	129	0.5459
368	2.85	34.000	5.58	400	2.07	34.009	5.68	27.19	088	089	0.6556
463	0.54	34.029	5.89								

GYUNGBUG 853 , STATION 105-11 , 37-33.2. N, 131-14.6. E, JAN. 5.1989, 22:45 KST,
 DEPTH 2375 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1031. ,
 ATR TEMP. DRY 9.9, WET , CLOUD. TYPE , AMT , WEATHER B

0	11.86	34.162	6.21	0	11.86	34.162	6.21	25.98	203	203	0.0000
10	11.86	34.202	6.00	10	11.86	34.202	6.00	26.01	200	200	0.0201
20	11.84	34.183	5.89	20	11.84	34.183	5.89	26.00	201	201	0.0402
30	11.84	34.167	5.68	30	11.84	34.167	5.68	25.99	202	203	0.0604
50	11.84	34.138	5.47	50	11.84	34.138	5.47	25.96	204	205	0.1013
75	11.54	34.162	5.26	75	11.54	34.162	5.26	26.04	197	199	0.1519
98	10.74	34.154	5.58	100	10.72	34.153	5.62	26.18	184	186	0.2000
122	10.53	34.150	6.11	125	10.48	34.146	6.09	26.22	180	183	0.2462
145	10.19	34.124	6.00	150	10.10	34.119	5.96	26.26	176	179	0.2915
188	9.42	34.088	5.68	200	9.19	34.074	5.60	26.38	165	168	0.3785
237	8.50	34.033	5.37	250	7.53	34.044	5.49	26.61	143	147	0.4576
281	5.23	34.071	5.79	300	4.61	34.057	5.76	26.99	107	110	0.5221
370	2.37	34.006	5.68	400	1.81	34.010	5.78	27.21	086	087	0.6210
460	0.70	34.019	6.00								

104 線 海洋觀測 成績 Oceanographic Data. Line 104

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 104-04 , 37-03.4. N, 129-28.8. E, FEB.29.1988, 08:00 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1028. ,
 AIR TEMP. DRY 9.3, WET , CLOUD. TYPE ST, AMT 10, WEATHER C

0	9.56	34.424	*****	0	9.56	34.424	*****	26.59	145	144	0.0000
10	10.01	34.427	*****	10	10.01	34.427	*****	26.52	152	152	0.0148
20	10.01	34.438	*****	20	10.01	34.438	*****	26.53	151	151	0.0300
30	9.90	34.438	*****	30	9.90	34.438	*****	26.55	149	149	0.0451
50	7.09	34.250	*****	50	7.09	34.250	*****	26.83	122	122	0.0724
75	3.62	34.128	*****	75	3.62	34.128	*****	27.15	092	092	0.0993
108	1.87	34.105	*****	100	2.29	34.110	*****	27.25	082	082	0.1212

GYUNGBUG 853 , STATION 104-05 , 37-03.4. N, 129-33.6. E, FEB.29.1988, 08:40 KST,
 DEPTH 220 , COLOR 4, TRANS. 13.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1028. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE ST, AMT 10, WEATHER C

0	10.13	34.445	5.87	0	10.13	34.445	5.87	26.51	152	152	0.0000
10	10.30	34.496	6.00	10	10.30	34.496	6.00	26.52	151	151	0.0152
20	10.29	34.458	5.97	20	10.29	34.458	5.97	26.49	154	154	0.0305
30	10.26	34.392	6.09	30	10.26	34.392	6.09	26.45	158	159	0.0462
50	9.61	34.457	6.10	50	9.61	34.457	6.10	26.61	143	144	0.0765
75	6.21	34.099	5.94	75	6.21	34.099	5.94	26.83	122	123	0.1100
100	3.60	34.086	5.86	100	3.60	34.086	5.86	27.12	095	095	0.1374
121	2.01	34.093	5.68	125	1.97	34.095	5.66	27.27	081	081	0.1596
141	1.81	34.103	5.58	150	1.68	34.105	5.59	27.30	078	078	0.1795
207	0.90	34.122	5.68	200	0.99	34.119	5.66	27.36	072	072	0.2174

GYUNGBUG 853 , STATION 104-06 , 37-03.4. N, 129-47.6. E, FEB.29.1988, 10:00 KST,
 DEPTH 600 , COLOR 4, TRANS. 13.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1028. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	10.30	34.362	5.89	0	10.30	34.362	5.89	26.42	161	161	0.0000
10	10.32	34.377	6.02	10	10.32	34.377	6.02	26.43	161	160	0.0161
20	10.42	34.384	6.00	20	10.42	34.384	6.00	26.41	162	162	0.0322
30	10.41	34.383	6.21	30	10.41	34.383	6.21	26.41	162	162	0.0485

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	10.14	34.352	6.11	50	10.14	34.352	6.11	26.44	159	160	0.0808
75	9.94	34.318	5.89	75	9.94	34.318	5.89	26.44	159	160	0.1209
96	9.02	34.247	5.89	100	8.98	34.259	5.90	26.56	148	150	0.1597
117	8.85	34.314	5.99	125	8.43	34.319	5.92	26.69	135	137	0.1957
138	7.76	34.329	5.81	150	6.98	34.312	5.80	26.90	116	118	0.2278
186	4.64	34.264	5.77	200	4.12	34.241	5.71	27.19	088	090	0.2799
235	2.82	34.184	5.58	250	2.30	34.155	5.49	27.29	079	080	0.3225
274	1.47	34.110	5.37	300	1.25	34.098	5.39	27.32	076	076	0.3616
361	0.75	34.072	5.47	400	0.64	34.080	5.42	27.35	073	073	0.4365
448	0.51	34.090	5.37								

GYUNGBUG 853 , STATION 104-07 , 37-03.4. N, 130-00.0. E, FEB.29.1988, 11:30 KST,
 DEPTH 1050 , COLOR 3, TRANS. 14.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1028. ,
 AIR TEMP. DRY 9.7, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	10.48	34.414	6.10	0	10.48	34.414	6.10	26.43	160	160	0.0000
10	10.65	34.409	6.00	10	10.65	34.409	6.00	26.39	164	164	0.0162
20	10.38	34.370	6.32	20	10.38	34.370	6.32	26.41	162	162	0.0325
30	10.12	34.316	6.11	30	10.12	34.316	6.11	26.41	162	162	0.0488
50	9.80	34.269	6.32	50	9.80	34.269	6.32	26.43	160	161	0.0812
75	9.42	34.237	6.42	75	9.42	34.237	6.42	26.47	156	158	0.1211
91	9.40	34.262	6.21	100	9.28	34.248	6.13	26.50	154	155	0.1603
117	9.08	34.223	6.00	125	8.42	34.191	6.00	26.59	145	147	0.1982
132	7.85	34.164	6.00	150	6.05	34.134	5.92	26.88	118	119	0.2315
181	2.96	34.083	5.79	200	2.33	34.084	5.70	27.23	084	085	0.2828
230	1.35	34.087	5.58	250	1.15	34.095	5.53	27.33	075	075	0.3231
277	0.89	34.107	5.47	300	0.81	34.107	5.49	27.36	072	072	0.3602
372	0.58	34.110	5.58	400	0.49	34.106	5.49	27.37	070	070	0.4319
443	0.37	34.102	5.37								

GYUNGBUG 853 , STATION 104-08 , 37-03.4. N, 130-18.7. E, FEB.29.1988, 13:30 KST,
 DEPTH 720 , COLOR 3, TRANS. 15.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1025. ,
 AIR TEMP. DRY 9.5, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	9.50	34.239	6.00	0	9.50	34.239	6.00	26.46	158	157	0.0000
10	9.61	34.238	6.23	10	9.61	34.238	6.23	26.44	159	159	0.0158
20	9.63	34.247	6.42	20	9.63	34.247	6.42	26.44	159	159	0.0318
30	9.62	34.231	6.42	30	9.62	34.231	6.42	26.43	160	160	0.0478
50	9.60	34.227	6.42	50	9.60	34.227	6.42	26.43	160	161	0.0800
75	9.58	34.239	6.23	75	9.58	34.239	6.23	26.44	159	160	0.1202
100	9.54	34.227	6.11	100	9.54	34.227	6.11	26.44	159	161	0.1604
118	9.31	34.211	6.00	125	9.29	34.211	6.00	26.47	156	159	0.2005
139	9.26	34.211	6.00	150	9.20	34.196	6.05	26.47	156	159	0.2402

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
183	9.04	34.153	6.21	200	8.23	34.151	6.12	26.59	145	148	0.3172
225	7.05	34.149	6.00	250	5.27	34.125	5.93	26.97	109	112	0.3824
266	4.14	34.111	5.89	300	3.06	34.116	5.85	27.19	088	090	0.4330
360	1.17	34.125	5.79	400	0.84	34.108	5.69	27.36	072	072	0.5144
444	0.49	34.091	5.58								

GYUNGBUG 853 , STATION 104-09 , 37-03.4. N, 130-37.6. E, FEB.29.1988, 15:30 KST,
 DEPTH 2340 , COLOR 3, TRANS. 15.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1025. ,
 AIR TEMP. DRY 9.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	9.62	34.231	5.89	0	9.62	34.231	5.89	26.43	160	160	0.0000
10	9.80	34.235	6.00	10	9.80	34.235	6.00	26.40	163	162	0.0161
20	9.85	34.236	6.32	20	9.85	34.236	6.32	26.40	163	163	0.0325
30	9.83	34.218	6.42	30	9.83	34.218	6.42	26.39	164	165	0.0489
50	9.82	34.254	6.32	50	9.82	34.254	6.32	26.42	161	162	0.0817
75	9.82	34.228	6.11	75	9.82	34.228	6.11	26.39	163	165	0.1227
99	9.80	34.231	6.11	100	9.79	34.231	6.10	26.40	163	164	0.1639
120	9.65	34.240	6.00	125	9.63	34.243	6.02	26.44	159	162	0.2048
140	9.60	34.255	6.11	150	9.58	34.246	6.05	26.45	158	161	0.2453
182	9.55	34.219	5.89	200	8.45	34.202	5.89	26.59	144	148	0.3227
228	6.75	34.176	5.89	250	5.36	34.148	5.84	26.98	108	111	0.3876
274	3.85	34.119	5.79	300	2.84	34.103	5.75	27.20	087	088	0.4377
346	1.07	34.076	5.68	400	0.69	34.084	5.52	27.35	073	073	0.5190
418	0.57	34.087	5.47								

GYUNGBUG 853 , STATION 104-10 , 37-03.4. N, 130-56.4. E, FEB.29.1988, 17:35 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 4, SWELL SE 1, WIND SE 4 , BARO 1023.5,
 AIR TEMP. DRY 9.6, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	9.83	34.232	5.93	0	9.83	34.232	5.93	26.40	163	163	0.0000
10	9.90	34.220	6.00	10	9.90	34.220	6.00	26.38	165	165	0.0164
20	9.82	34.232	6.11	20	9.82	34.232	6.11	26.40	163	163	0.0329
30	9.81	34.239	6.32	30	9.81	34.239	6.32	26.41	162	163	0.0492
50	9.80	34.240	6.32	50	9.80	34.240	6.32	26.41	162	163	0.0819
75	9.80	34.282	6.23	75	9.80	34.282	6.23	26.44	159	160	0.1224
97	9.61	34.264	6.14	100	9.54	34.262	6.12	26.47	157	158	0.1624
121	9.12	34.254	6.00	125	9.10	34.252	6.00	26.53	150	153	0.2013
148	9.02	34.243	6.00	150	9.00	34.241	6.00	26.54	150	152	0.2396
196	8.70	34.209	6.00	200	8.50	34.199	5.98	26.58	145	149	0.3151
245	6.32	34.092	5.87	250	5.92	34.091	5.85	26.86	119	122	0.3830
284	3.22	34.085	5.79	300	2.76	34.085	5.68	27.19	088	089	0.4360
362	1.00	34.089	5.26	400	0.70	34.088	5.26	27.35	073	073	0.5175
428	0.48	34.088	5.26								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 104-11 , 37-03.4. N, 131-15.3. E, FEB.29.1988, 19:30 KST,
 DEPTH 2325 , COLOR , TRANS. , WAVE SE 4, SWELL SE 1, WIND SE 4 , BARO 1023.5,
 AIR TEMP. DRY 9.5, WET , CLOUD. TYPE ST, AMT 10, WEATHER C

0	9.90	34.226	6.00	0	9.90	34.226	6.00	26.38	165	165	0.0000
10	9.94	34.221	6.21	10	9.94	34.221	6.21	26.37	166	166	0.0165
20	9.95	34.234	5.29	20	9.95	34.234	5.29	26.38	165	165	0.0331
30	9.95	34.224	6.32	30	9.95	34.224	6.32	26.37	166	166	0.0497
50	9.94	34.231	6.11	50	9.94	34.231	6.11	26.38	165	166	0.0830
75	9.82	34.246	6.12	75	9.82	34.246	6.12	26.41	162	163	0.1243
98	9.59	34.249	6.00	100	9.54	34.247	6.00	26.46	158	159	0.1647
122	9.08	34.226	6.11	125	9.01	34.221	6.09	26.52	151	153	0.2040
143	8.64	34.197	6.02	150	8.54	34.197	6.00	26.58	146	149	0.2418
186	8.07	34.201	5.92	200	6.81	34.176	5.87	26.81	124	126	0.3109
230	4.12	34.123	5.79	250	3.11	34.104	5.70	27.18	089	091	0.3654
277	1.76	34.079	5.58	300	1.48	34.077	5.55	27.29	079	079	0.4080
371	0.65	34.074	5.47	400	0.61	34.070	5.42	27.34	074	074	0.4849
435	0.57	34.066	5.38								

4 月 (April)

GANGWON 867 , STATION 104-04 , 37-03.4. N, 129-28.8. E, APR.15.1988, 11:10 KST,
 DEPTH 110 , COLOR 4, TRANS. 9.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1014.5,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	12.03	34.501	5.98	0	12.03	34.501	5.98	26.21	181	181	0.0000
10	11.55	34.481	6.40	10	11.55	34.481	6.40	26.29	174	174	0.0177
20	9.15	34.324	6.08	20	9.15	34.324	6.08	26.58	146	146	0.0338
30	8.27	34.361	5.98	30	8.27	34.361	5.98	26.75	130	130	0.0476
50	4.31	34.319	5.78	50	4.31	34.319	5.78	27.23	084	084	0.0692
75	3.28	34.360	5.66	75	3.28	34.360	5.66	27.37	071	072	0.0888
89	2.44	34.305	5.66								

GANGWON 867 , STATION 104-05 , 37-03.4. N, 129-33.6. E, APR.15.1988, 11:50 KST,
 DEPTH 220 , COLOR 4, TRANS. 9.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1014.5,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.00	34.457	6.08	0	13.00	34.457	6.08	25.99	202	202	0.0000
10	12.49	34.465	6.08	10	12.49	34.465	6.08	26.09	192	192	0.0197
20	12.45	34.457	6.19	20	12.45	34.457	6.19	26.10	192	192	0.0389
30	12.46	34.478	5.98	30	12.46	34.478	5.98	26.11	191	191	0.0581
50	11.71	34.396	5.87	50	11.71	34.396	5.87	26.19	183	184	0.0957

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	7.36	34.227	5.87	75	7.36	34.227	5.87	26.78	127	128	0.1348
101	2.68	34.086	5.66	100	2.86	34.091	5.66	27.19	088	088	0.1620
123	1.31	34.020	5.56	125	1.25	34.020	5.53	27.26	082	081	0.1834
146	0.73	34.031	5.26	150	0.72	34.036	5.25	27.31	077	077	0.2033
195	0.69	34.102	5.14								

GANGWON 867 , STATION 104-06 , 37-03.4. N, 129-47.6. E, APR.15.1988, 13:00 KST,
 DEPTH 600 , COLOR 4, TRANS. 9.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1014.5,
 AIR TEMP. DRY 16.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.87	34.534	6.08	0	13.87	34.534	6.08	25.87	213	213	0.0000
10	12.87	34.495	6.30	10	12.87	34.495	6.30	26.04	197	197	0.0205
20	12.75	34.482	6.19	20	12.75	34.482	6.19	26.06	196	196	0.0402
30	12.72	34.474	5.98	30	12.72	34.474	5.98	26.06	196	196	0.0598
50	12.66	34.473	5.87	50	12.66	34.473	5.87	26.07	195	196	0.0991
75	12.40	34.458	5.98	75	12.40	34.458	5.98	26.11	191	192	0.1477
97	9.88	34.362	5.77	100	9.64	34.352	5.75	26.52	151	153	0.1910
120	8.04	34.291	5.66	125	7.31	34.277	5.66	26.82	123	125	0.2259
154	3.09	34.196	5.66	150	3.67	34.207	5.66	27.21	086	087	0.2525
191	0.76	34.011	5.56	200	0.71	34.014	5.56	27.29	079	078	0.2942
239	0.54	34.031	5.56	250	0.51	34.028	5.51	27.31	077	076	0.3331
289	0.42	34.020	5.36	300	0.41	34.014	5.34	27.30	077	077	0.3716
373	0.41	33.976	5.25	400	0.39	33.979	5.28	27.28	080	079	0.4500
457	0.37	33.987	5.35								

GANGWON 867 , STATION 104-07 , 37-03.4. N, 130-00.0. E, APR.14.1988, 14:10 KST,
 DEPTH 1050 , COLOR 4, TRANS. 9.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1014.5,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.89	34.452	6.29	0	13.89	34.452	6.29	25.80	220	220	0.0000
10	12.68	34.386	6.40	10	12.68	34.386	6.40	26.00	201	201	0.0210
20	11.30	34.345	6.08	20	11.30	34.345	6.08	26.23	179	180	0.0401
30	11.23	34.373	6.08	30	11.23	34.373	6.08	26.26	176	177	0.0580
50	10.98	34.269	5.87	50	10.98	34.269	5.87	26.22	180	180	0.0938
75	10.44	34.280	5.77	75	10.44	34.280	5.77	26.33	170	171	0.1378
99	9.88	34.253	5.97	100	9.84	34.250	5.96	26.41	162	164	0.1798
121	9.17	34.203	5.77	125	8.99	34.175	5.75	26.49	155	157	0.2200
144	8.18	34.046	5.66	150	7.85	34.042	5.64	26.56	148	150	0.2584
199	5.21	34.011	5.56	200	5.12	34.010	5.56	26.89	116	118	0.3257
240	1.70	33.981	5.66	250	1.52	33.983	5.61	27.21	086	086	0.3770

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
290	0.83	33.992	5.45	300	0.80	33.994	5.42	27.27	081	081	0.4191
378	0.59	34.013	5.25	400	0.55	34.005	5.25	27.29	078	078	0.4990
472	0.45	33.982	5.25								

GANGWON 867 , STATION 104-08 , 37-03.4. N, 130-18.7. E, APR.14.1988, 15:45 KST,
 DEPTH 720 , COLOR 4, TRANS. 9.5, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1014.5,
 AIR TEMP. DRY 17.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	13.83	34.575	6.31	0	13.83	34.575	6.31	25.91	210	209	0.0000
10	12.60	34.496	6.40	10	12.60	34.496	6.40	26.10	192	192	0.0201
20	11.12	34.456	6.19	20	11.12	34.456	6.19	26.34	168	168	0.0381
30	11.03	34.370	6.08	30	11.03	34.370	6.08	26.29	173	173	0.0552
50	10.23	34.316	5.98	50	10.23	34.316	5.98	26.39	164	164	0.0891
75	9.86	34.294	5.66	75	9.86	34.294	5.66	26.44	159	160	0.1298
101	9.31	34.271	5.56	100	9.33	34.271	5.56	26.51	152	154	0.1693
122	9.18	34.237	5.66	125	9.12	34.231	5.67	26.51	152	154	0.2079
144	8.76	34.199	5.77	150	8.52	34.191	5.77	26.57	146	149	0.2459
196	6.75	34.131	5.77	200	6.42	34.125	5.74	26.82	123	125	0.3147
244	2.82	34.063	5.45	250	2.58	34.056	5.43	27.19	088	089	0.3685
289	1.04	34.017	5.35	300	0.99	34.013	5.35	27.27	080	080	0.4112
391	0.58	33.988	5.35	400	0.56	33.987	5.34	27.27	080	080	0.4918
481	0.46	33.980	5.25								

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, APR.15.1988, 17:15 KST,
 DEPTH 2340 , COLOR 4, TRANS. 10.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1014.5,
 AIR TEMP. DRY 13.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	11.99	34.447	6.19	0	11.99	34.447	6.19	26.18	184	184	0.0000
10	11.64	34.448	6.29	10	11.64	34.448	6.29	26.24	178	178	0.0181
20	11.56	34.453	6.08	20	11.56	34.453	6.08	26.26	176	176	0.0358
30	10.82	34.323	5.98	30	10.82	34.323	5.98	26.30	173	173	0.0534
50	10.47	34.316	5.87	50	10.47	34.316	5.87	26.35	167	168	0.0876
75	9.85	34.253	5.88	75	9.85	34.253	5.88	26.41	162	163	0.1292
99	9.45	34.251	5.77	100	9.43	34.250	5.76	26.48	156	157	0.1694
120	9.20	34.246	5.66	125	9.11	34.235	5.63	26.52	152	154	0.2084
143	8.79	34.198	5.56	150	8.57	34.188	5.57	26.57	147	150	0.2465
187	7.42	34.136	5.66	200	6.29	34.114	5.63	26.83	122	124	0.3152
237	3.11	34.054	5.56	250	2.57	34.046	5.51	27.18	089	090	0.3691
292	0.86	34.022	5.35	300	0.84	34.020	5.36	27.28	079	079	0.4116
369	0.74	34.010	5.45	400	0.67	34.018	5.42	27.29	078	078	0.4905
474	0.51	34.039	5.35								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, APR.15.1988, 18:50 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1014.5,
 AIR TEMP. DRY 12.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	11.96	34.391	6.08	0	11.96	34.391	6.08	26.14	188	187	0.0000
10	11.03	34.368	6.29	10	11.03	34.368	6.29	26.29	173	173	0.0180
20	10.62	34.323	5.98	20	10.62	34.323	5.98	26.33	169	170	0.0352
30	10.37	34.298	6.08	30	10.37	34.298	6.08	26.36	167	168	0.0521
50	9.80	34.260	5.87	50	9.80	34.260	5.87	26.42	161	161	0.0851
75	9.73	34.253	5.66	75	9.73	34.253	5.66	26.43	160	161	0.1256
97	9.42	34.246	5.56	100	9.36	34.240	5.58	26.48	155	157	0.1655
120	9.03	34.200	5.77	125	8.96	34.196	5.72	26.51	152	155	0.2046
146	8.70	34.182	5.56	150	8.57	34.173	5.57	26.55	148	151	0.2429
190	7.29	34.093	5.77	200	6.48	34.074	5.74	26.78	127	130	0.3132
240	3.25	33.998	5.66	250	2.92	33.999	5.61	27.11	095	097	0.3701
290	1.63	34.007	5.45	300	1.53	34.007	5.42	27.23	084	085	0.4157
389	0.66	34.011	5.25	400	0.63	34.010	5.27	27.29	079	078	0.4977
487	0.45	34.006	5.45								

GANGWON 867 , STATION 104-11 , 37-03.4. N, 131-15.3. E, APR.15.1988, 20:25 KST,
 DEPTH 2325 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1014.5,
 AIR TEMP. DRY 11.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	10.59	34.234	6.29	0	10.59	34.234	6.29	26.27	176	175	0.0000
10	9.99	34.215	6.28	10	9.99	34.215	6.28	26.36	167	167	0.0171
20	9.88	34.212	6.07	20	9.88	34.212	6.07	26.37	166	166	0.0338
30	9.81	34.199	6.08	30	9.81	34.199	6.08	26.37	165	166	0.0504
50	9.63	34.215	5.87	50	9.63	34.215	5.87	26.42	161	162	0.0833
75	9.43	34.221	5.87	75	9.43	34.221	5.87	26.45	158	159	0.1235
98	9.33	34.237	5.77	100	9.30	34.237	5.75	26.49	155	156	0.1631
122	9.07	34.242	5.56	125	9.04	34.236	5.60	26.53	151	153	0.2018
145	8.88	34.202	5.87	150	8.78	34.198	5.87	26.54	150	152	0.2401
190	8.02	34.173	5.87	200	7.56	34.169	5.80	26.70	134	137	0.3126
235	5.96	34.155	5.56	250	5.22	34.121	5.52	26.97	109	111	0.3750
282	3.66	34.050	5.45	300	3.18	34.035	5.40	27.12	095	097	0.4273
365	1.46	33.984	5.25	400	1.12	33.992	5.34	27.24	083	083	0.5177
438	0.76	34.002	5.45								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

GANGWON 867 , STATION 104-04 , 37-03.4. N, 129-28.8. E, JUN.10.1988, 10:00 KST,
 DEPTH 110 , COLOR 5, TRANS. 6.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 18.6, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	16.82	34.093	6.33	0	16.82	34.093	6.33	24.88	308	308	0.0000
10	15.97	34.099	6.02	10	15.97	34.099	6.02	25.08	289	289	0.0298
20	12.66	34.280	5.92	20	12.66	34.280	5.92	25.92	209	209	0.0547
30	9.36	34.326	5.61	30	9.36	34.326	5.61	26.55	149	149	0.0727
50	3.87	34.126	6.02	50	3.87	34.126	6.02	27.12	094	095	0.0972
75	3.11	34.087	5.92	75	3.11	34.087	5.92	27.16	090	091	0.1205
89	2.47	34.060	6.02								

GANGWON 867 , STATION 104-05 , 37-03.4. N, 129-33.6. E, JUN.10.1988, 10:30 KST,
 DEPTH 220 , COLOR 5, TRANS. 6.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 18.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	16.90	33.998	6.54	0	16.90	33.998	6.54	24.78	317	316	0.0000
10	12.61	34.031	6.44	10	12.61	34.031	6.44	25.73	226	226	0.0271
20	10.61	34.212	6.12	20	10.61	34.212	6.12	26.25	178	178	0.0474
30	8.15	34.259	5.81	30	8.15	34.259	5.81	26.69	136	136	0.0631
50	6.15	34.144	5.71	50	6.15	34.144	5.71	26.87	118	118	0.0886
75	3.26	34.070	5.62	75	3.26	34.070	5.62	27.14	093	093	0.1152
97	1.59	34.011	5.73	100	1.52	34.013	5.71	27.23	084	084	0.1375
121	1.08	34.029	5.62	125	1.06	34.025	5.62	27.28	080	080	0.1580
140	0.99	34.014	5.62	150	0.96	34.014	5.61	27.27	080	080	0.1781
197	0.87	34.018	5.60								

GANGWON 867 , STATION 104-06 , 37-03.4. N, 129-47.6. E, JUN.10.1988, 11:40 KST,
 DEPTH 600 , COLOR 3, TRANS. 16.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 22.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.23	34.132	6.12	0	19.23	34.132	6.12	24.31	361	361	0.0000
10	18.51	34.131	6.23	10	18.51	34.131	6.23	24.50	344	344	0.0352
20	18.24	34.117	6.02	20	18.24	34.117	6.02	24.55	339	339	0.0694
30	16.96	34.160	5.61	30	16.96	34.160	5.61	24.89	306	307	0.1018
50	15.16	34.331	5.28	50	15.16	34.331	5.28	25.44	255	256	0.1581
75	14.55	34.338	5.38	75	14.55	34.338	5.38	25.57	241	243	0.2206

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
101	12.73	34.409	5.08	100	12.80	34.406	5.09	25.99	202	204	0.2767
122	12.07	34.433	5.07	125	11.49	34.431	5.07	26.26	177	179	0.3247
142	8.24	34.421	5.09	150	7.47	34.377	5.10	26.88	118	120	0.3622
195	3.17	34.132	5.19	200	3.01	34.117	5.22	27.20	087	088	0.4145
241	1.73	33.996	5.50	250	1.55	33.992	5.48	27.22	086	086	0.4583
293	0.73	33.977	5.40	300	0.70	33.977	5.40	27.26	081	081	0.5003
376	0.47	33.983	5.50	400	0.43	33.981	5.47	27.28	080	079	0.5811
460	0.33	33.979	5.40								

GANGWON 867 , STATION 104-07 , 37-03.4. N, 130-00.0. E, JUN.10.1988, 12:55 KST,
 DEPTH 1050 , COLOR 3, TRANS. 20.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1001. ,
 ATR TEMP. DRY 21.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.38	34.326	6.23	0	19.38	34.326	6.23	24.42	351	351	0.0000
10	18.43	34.334	6.22	10	18.43	34.334	6.22	24.67	327	327	0.0339
20	17.20	34.378	6.01	20	17.20	34.378	6.01	25.00	296	296	0.0651
30	16.31	34.421	5.61	30	16.31	34.421	5.61	25.25	273	273	0.0936
50	14.26	34.445	5.39	50	14.26	34.445	5.39	25.72	228	229	0.1439
75	12.36	34.342	5.19	75	12.36	34.342	5.19	26.02	199	200	0.1977
96	10.33	34.312	5.09	100	10.17	34.289	5.08	26.38	165	166	0.2436
117	9.53	34.194	5.08	125	9.31	34.185	5.08	26.44	159	161	0.2847
145	8.79	34.164	5.08	150	8.49	34.152	5.06	26.55	149	151	0.3238
189	6.19	34.065	4.98	200	5.21	34.051	5.05	26.92	114	116	0.3908
232	2.36	34.013	5.29	250	1.96	34.011	5.40	27.20	087	088	0.4419
282	1.27	34.008	5.61	300	1.16	34.009	5.61	27.26	082	082	0.4845
375	0.71	34.015	5.61	400	0.65	34.011	5.58	27.29	079	078	0.5652
469	0.52	34.003	5.50								

GANGWON 867 , STATION 104-08 , 37-03.4. N, 130-18.7. E, JUN.10.1988, 14:35 KST,
 DEPTH 720 , COLOR 3, TRANS. 18.5, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1001. ,
 ATR TEMP. DRY 19.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.14	34.267	6.54	0	18.14	34.267	6.54	24.69	325	325	0.0000
10	17.32	34.267	6.44	10	17.32	34.267	6.44	24.89	306	306	0.0316
20	16.78	34.298	6.23	20	16.78	34.298	6.23	25.04	292	292	0.0616
30	14.00	34.405	5.92	30	14.00	34.405	5.92	25.74	225	226	0.0875
50	12.47	34.362	5.50	50	12.47	34.362	5.50	26.02	199	200	0.1302
75	11.08	34.279	5.19	75	11.08	34.279	5.19	26.21	181	182	0.1781
98	9.84	34.238	5.19	100	9.81	34.237	5.18	26.40	163	164	0.2215
124	9.51	34.230	5.09	125	9.49	34.230	5.10	26.45	158	160	0.2622
144	9.17	34.245	5.29	150	8.91	34.223	5.29	26.54	150	152	0.3014
194	7.04	34.066	5.29	200	6.54	34.058	5.27	26.75	129	132	0.3726

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
241	3.18	34.007	5.19	250	2.74	33.998	5.24	27.13	094	095	0.4296
277	1.43	33.971	5.40	300	1.25	33.978	5.40	27.22	085	085	0.4749
371	0.73	34.001	5.40	400	0.64	34.005	5.45	27.29	079	079	0.5573
475	0.42	34.017	5.61								

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, JUN.10.1988, 16:05 KST,
 DEPTH 2340 , COLOR 3, TRANS. 18.0, WAVE SW 3, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.07	34.294	6.44	0	18.07	34.294	6.44	24.73	322	321	0.0000
10	17.41	34.312	6.44	10	17.41	34.312	6.44	24.90	305	305	0.0313
20	16.40	34.345	6.13	20	16.40	34.345	6.13	25.17	280	280	0.0607
30	14.38	34.371	5.92	30	14.38	34.371	5.92	25.64	236	236	0.0865
50	11.50	34.380	5.61	50	11.50	34.380	5.61	26.22	180	181	0.1284
75	10.74	34.312	5.29	75	10.74	34.312	5.29	26.30	172	174	0.1729
104	9.73	34.229	5.09	100	9.86	34.240	5.11	26.40	163	165	0.2153
130	9.60	34.238	5.19	125	9.62	34.236	5.17	26.43	160	162	0.2563
156	9.43	34.252	5.29	150	9.46	34.248	5.26	26.47	156	159	0.2966
199	8.03	34.148	5.29	200	7.99	34.147	5.28	26.62	142	145	0.3728
240	6.39	34.136	5.09	250	5.80	34.108	5.21	26.89	117	119	0.4391
282	3.95	34.019	5.61	300	3.47	34.024	5.59	27.08	098	100	0.4943
381	1.33	34.050	5.50	400	1.17	34.047	5.50	27.29	079	079	0.5846
462	0.65	34.039	5.50								

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, JUN.10.1988, 17:40 KST,
 DEPTH 1800 , COLOR 3, TRANS. 18.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 AIR TEMP. DRY 18.3, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.34	34.277	6.44	0	18.34	34.277	6.44	24.65	329	329	0.0000
10	17.22	34.285	6.12	10	17.22	34.285	6.12	24.93	303	303	0.0316
20	15.44	34.347	5.91	20	15.44	34.347	5.91	25.39	259	260	0.0598
30	13.23	34.394	5.70	30	13.23	34.394	5.70	25.89	211	212	0.0834
50	11.29	34.334	5.39	50	11.29	34.334	5.39	26.22	180	181	0.1227
75	9.96	34.258	5.19	75	9.96	34.258	5.19	26.39	163	165	0.1661
94	9.37	34.206	5.09	100	9.23	34.198	5.16	26.47	156	158	0.2065
120	8.78	34.175	5.40	125	8.55	34.160	5.35	26.55	149	151	0.2453
142	7.78	34.113	5.19	150	7.11	34.099	5.19	26.71	133	135	0.2812
190	3.76	34.029	5.19	200	3.40	34.023	5.22	27.09	098	099	0.3401
247	1.71	33.995	5.40	250	1.65	33.993	5.40	27.21	086	087	0.3867
292	0.95	33.976	5.50	300	0.91	33.976	5.50	27.25	083	083	0.4293
383	0.58	33.982	5.61	400	0.54	33.980	5.55	27.27	080	080	0.5112
473	0.39	33.972	5.30								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-11 , 37-03.4. N, 131-15.3. E, JUN.10.1988, 19:00 KST,
 DEPTH 2325 , COLOR 3, TRANS. 18.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1001. ,
 ATR TEMP. DRY 18.3, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.69	34.343	6.12	0	18.69	34.343	6.12	24.61	333	333	0.0000
10	17.93	34.355	6.23	10	17.93	34.355	6.23	24.81	314	314	0.0323
20	16.83	34.391	6.03	20	16.83	34.391	6.03	25.10	286	287	0.0624
30	14.93	34.421	5.81	30	14.93	34.421	5.81	25.56	243	244	0.0890
50	12.06	34.366	5.69	50	12.06	34.366	5.69	26.10	191	192	0.1327
75	9.97	34.258	5.40	75	9.97	34.258	5.40	26.39	164	165	0.1775
94	8.96	34.183	5.40	100	8.78	34.171	5.35	26.52	152	153	0.2173
120	8.21	34.134	5.19	125	7.83	34.107	5.16	26.61	143	144	0.2547
144	6.40	34.007	5.09	150	6.00	34.002	5.12	26.78	127	128	0.2889
191	3.33	33.975	5.40	200	3.04	33.977	5.38	27.08	098	099	0.3460
241	1.76	33.990	5.29	250	1.62	33.990	5.33	27.21	086	087	0.3927
285	1.09	33.994	5.50	300	1.00	33.991	5.51	27.25	082	082	0.4351
373	0.62	33.980	5.61	400	0.55	33.991	5.56	27.28	080	079	0.5164
443	0.46	34.009	5.50								

8 月(August)

GANGWON 867 , STATION 104-04 , 37-03.4. N, 129-28.8. E, AUG. 6.1988, 09:50 KST,
 DEPTH 110 , COLOR 3, TRANS. 17.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1004. ,
 ATR TEMP. DRY 28.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	23.82	32.660	4.98	0	23.82	32.660	4.98	21.94	588	588	0.0000
10	21.05	32.934	5.20	10	21.05	32.934	5.20	22.93	494	494	0.0541
20	15.72	34.325	5.19	20	15.72	34.325	5.19	25.31	267	267	0.0922
30	14.90	34.532	5.28	30	14.90	34.532	5.28	25.65	234	235	0.1173
50	11.88	34.503	5.29	50	11.88	34.503	5.29	26.24	178	179	0.1588
75	7.88	34.413	5.42	75	7.88	34.413	5.42	26.85	121	122	0.1965
91	6.58	34.193	5.44								

GANGWON 867 , STATION 104-05 , 37-03.4. N, 129-33.6. E, AUG. 6.1988, 09:00 KST,
 DEPTH 220 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 1 , BARO 1004. ,
 ATR TEMP. DRY 25.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.07	32.643	4.87	0	24.07	32.643	4.87	21.86	596	596	0.0000
10	22.00	33.826	5.28	10	22.00	33.826	5.28	23.34	454	454	0.0525
20	21.37	33.844	5.29	20	21.37	33.844	5.29	23.53	436	436	0.0971
30	17.37	34.413	5.20	30	17.37	34.413	5.20	24.99	297	298	0.1338
50	14.57	34.435	5.29	50	14.57	34.435	5.29	25.64	235	236	0.1872
75	12.81	34.452	5.43	75	12.81	34.452	5.43	26.02	199	201	0.2419

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
95	9.75	34.372	5.65	100	9.05	34.363	5.60	26.63	142	143	0.2850
120	6.29	34.327	5.43	125	5.90	34.281	5.43	27.01	105	106	0.3163
143	4.53	34.119	5.43	150	4.42	34.103	5.41	27.05	102	103	0.3425
197	3.71	34.001	5.34								

GANGWON 867 , STATION 104-06 , 37-03.4. N, 129-47.6. E, AUG. 6.1988, 07:45 KST,
 DEPTH 600 , COLOR 3, TRANS. 15.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1004.5,
 AIR TEMP. DRY 24.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	23.63	32.663	4.88	0	23.63	32.663	4.88	22.00	582	582	0.0000
10	23.54	33.660	5.20	10	23.54	33.660	5.20	22.78	508	508	0.0545
20	23.46	33.962	4.88	20	23.46	33.962	4.88	23.03	484	484	0.1041
30	21.31	34.343	4.90	30	21.31	34.343	4.90	23.93	398	399	0.1483
50	16.10	34.523	4.99	50	16.10	34.523	4.99	25.37	261	262	0.2145
75	13.87	34.429	5.19	75	13.87	34.429	5.19	25.79	221	223	0.2752
98	11.22	34.341	5.31	100	11.17	34.327	5.31	26.23	179	181	0.3258
124	10.66	34.170	5.40	125	10.40	34.165	5.39	26.25	178	180	0.3710
146	5.12	34.073	5.29	150	5.08	34.071	5.28	26.95	111	112	0.4076
197	4.73	34.054	5.20	200	4.60	34.051	5.19	26.98	107	109	0.4633
242	2.85	34.013	5.19	250	2.57	34.010	5.21	27.15	092	093	0.5140
285	1.36	33.998	5.31	300	1.22	33.990	5.30	27.24	084	084	0.5584
378	0.50	33.952	5.29	400	0.46	33.959	5.27	27.26	082	081	0.6413
472	0.35	33.983	5.21								

GANGWON 867 , STATION 104-07 , 37-03.4. N, 130-00.0. E, AUG. 6.1988, 06:05 KST,
 DEPTH 720 , COLOR 3, TRANS. 15.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1005. ,
 AIR TEMP. DRY 24.1, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	23.80	33.515	4.98	0	23.80	33.515	4.98	22.59	526	525	0.0000
10	23.41	34.115	5.20	10	23.41	34.115	5.20	23.16	471	471	0.0498
20	20.22	34.272	5.19	20	20.22	34.272	5.19	24.16	376	376	0.0922
30	17.14	34.412	4.98	30	17.14	34.412	4.98	25.04	292	292	0.1257
50	15.20	34.380	4.88	50	15.20	34.380	4.88	25.46	252	253	0.1803
75	13.02	34.491	5.21	75	13.02	34.491	5.21	26.01	200	202	0.2373
95	10.62	34.373	5.29	100	10.45	34.362	5.32	26.39	164	166	0.2833
126	9.57	34.310	5.50	125	9.60	34.312	5.49	26.50	154	156	0.3236
150	8.63	34.237	5.32	150	8.63	34.237	5.32	26.59	144	147	0.3616
197	7.57	34.165	5.29	200	7.21	34.160	5.29	26.74	130	133	0.4319
242	2.29	34.097	5.32	250	2.03	34.080	5.33	27.25	082	083	0.4861
296	0.58	33.987	5.41	300	0.57	33.986	5.40	27.27	080	080	0.5271
392	0.54	33.974	5.31	400	0.53	33.975	5.30	27.27	081	080	0.6076
479	0.53	33.991	5.29								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-08 , 37-03.4. N, 130-18.7. E, AUG. 6.1988, 04:30 KST,
 DEPTH 1050 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1006.5,
 ATR TEMP. DRY 23.6, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	23.76	33.279	4.67	0	23.76	33.279	4.67	22.43	541	541	0.0000
10	21.91	33.783	5.08	10	21.91	33.783	5.08	23.34	455	455	0.0498
20	21.38	34.117	5.08	20	21.38	34.117	5.08	23.73	417	417	0.0934
30	18.65	34.227	5.20	30	18.65	34.227	5.20	24.53	340	341	0.1314
50	15.24	34.230	5.20	50	15.24	34.230	5.20	25.34	264	265	0.1920
75	13.49	34.523	5.29	75	13.49	34.523	5.29	25.94	207	208	0.2513
95	11.02	34.441	5.31	100	10.77	34.411	5.32	26.37	166	167	0.2984
124	9.59	34.267	5.42	125	9.51	34.263	5.41	26.47	156	158	0.3392
145	8.00	34.201	5.41	150	7.62	34.196	5.40	26.71	133	135	0.3760
194	4.32	34.154	5.40	200	4.05	34.141	5.40	27.12	095	097	0.4343
240	2.28	34.059	5.40	250	2.13	34.050	5.40	27.22	085	086	0.4801
284	1.62	34.021	5.41	300	1.50	34.007	5.42	27.23	084	085	0.5230
371	1.02	33.949	5.50	400	0.87	33.959	5.43	27.23	084	084	0.6077
459	0.58	33.980	5.31								

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, AUG. 6.1988, 02:55 KST,
 DEPTH 2340 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1005. ,
 ATR TEMP. DRY 25.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	23.91	33.356	4.78	0	23.91	33.356	4.78	22.44	540	540	0.0000
10	23.57	33.827	5.09	10	23.57	33.827	5.09	22.90	497	497	0.0518
20	21.29	33.986	5.08	20	21.29	33.986	5.08	23.66	424	424	0.0979
30	18.20	34.305	5.00	30	18.20	34.305	5.00	24.71	324	325	0.1354
50	16.75	34.533	4.99	50	16.75	34.533	4.99	25.23	274	275	0.1955
75	14.82	34.509	5.09	75	14.82	34.509	5.09	25.65	234	236	0.2596
98	12.77	34.458	5.07	100	12.55	34.448	5.07	26.07	194	197	0.3138
122	10.18	34.349	5.07	125	9.80	34.341	5.11	26.49	155	157	0.3581
146	7.17	34.292	5.40	150	6.84	34.282	5.40	26.89	116	118	0.3927
195	3.17	34.171	5.42	200	2.98	34.156	5.41	27.23	084	085	0.4437
245	1.33	34.025	5.41	250	1.29	34.023	5.40	27.26	082	082	0.4857
289	0.98	34.012	5.40	300	0.94	34.007	5.40	27.27	081	081	0.5265
385	0.64	33.970	5.40	400	0.60	33.965	5.38	27.26	082	082	0.6081
482	0.41	33.943	5.32								

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, AUG. 6.1988, 01:25 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1005. ,
 ATR TEMP. DRY 24.9, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	24.32	33.277	4.69	0	24.32	33.277	4.69	22.26	557	557	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
10	23.31	33.427	4.89	10	23.31	33.427	4.89	22.67	518	518	0.0538
20	23.25	33.491	4.97	20	23.25	33.491	4.97	22.74	512	512	0.1053
30	22.01	34.146	5.07	30	22.01	34.146	5.07	23.58	431	432	0.1526
50	17.79	34.346	4.96	50	17.79	34.346	4.96	24.84	311	313	0.2271
75	16.62	34.467	4.86	75	16.62	34.467	4.86	25.21	276	278	0.3011
98	15.67	34.532	4.76	100	15.51	34.521	4.75	25.50	248	251	0.3673
121	13.94	34.413	4.67	125	13.38	34.395	4.73	25.86	214	217	0.4259
144	10.74	34.313	5.07	150	10.06	34.295	5.07	26.41	162	165	0.4738
192	5.32	34.171	5.09	200	4.89	34.154	5.12	27.03	103	105	0.5415
240	2.78	34.073	5.30	250	2.41	34.055	5.32	27.20	087	088	0.5899
284	1.17	33.997	5.39	300	1.06	33.988	5.37	27.25	083	083	0.6328
374	0.57	33.951	5.31	400	0.51	33.945	5.26	27.24	083	082	0.7160
479	0.33	33.929	5.11								

GANGWON 867 , STATION 104-11 , 37-03.4. N, 131-15.3. E, AUG. 5.1988, 23:50 KST,
 DEPTH 2325 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1005. ,
 AIR TEMP. DRY 25.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	24.32	33.182	4.46	0	24.32	33.182	4.46	22.19	564	564	0.0000
10	23.92	33.484	4.67	10	23.92	33.484	4.67	22.54	531	531	0.0548
20	22.16	33.638	4.88	20	22.16	33.638	4.88	23.16	472	472	0.1050
30	19.09	34.154	5.09	30	19.09	34.154	5.09	24.37	356	357	0.1465
50	17.97	34.483	4.96	50	17.97	34.483	4.96	24.90	306	307	0.2130
75	16.51	34.493	4.67	75	16.51	34.493	4.67	25.25	272	274	0.2857
99	13.60	34.533	4.76	100	13.53	34.528	4.76	25.93	207	210	0.3462
124	11.95	34.421	4.78	125	11.86	34.418	4.79	26.18	184	187	0.3958
149	9.81	34.362	5.19	150	9.71	34.357	5.19	26.51	152	155	0.4387
197	5.11	34.154	5.19	200	4.92	34.146	5.19	27.02	104	106	0.5040
245	2.16	34.041	5.20	250	2.01	34.034	5.20	27.21	086	086	0.5522
291	0.87	33.982	5.28	300	0.83	33.976	5.26	27.25	082	082	0.5946
383	0.55	33.929	5.11	400	0.51	33.933	5.08	27.23	084	083	0.6779
476	0.36	33.954	5.00								

10月(October)

GANGWON 867 , STATION 104-04 , 37-03.4. N, 129-28.8. E, OCT.10.1988, 12:50 KST,
 DEPTH 110 , COLOR 4, TRANS. 11.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1013. ,
 AIR TEMP. DRY 22.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	22.46	34.075	5.52	0	22.46	34.075	5.52	23.40	448	448	0.0000
10	22.34	34.119	5.73	10	22.34	34.119	5.73	23.47	442	442	0.0445
20	22.29	34.162	5.51	20	22.29	34.162	5.51	23.52	437	438	0.0885

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	14.98	34.406	5.39	30	14.98	34.406	5.39	25.53	245	246	0.1228
50	11.95	34.197	5.10	50	11.95	34.197	5.10	25.99	202	203	0.1677
75	8.75	34.189	5.10	75	8.75	34.189	5.10	26.54	150	151	0.2120
95	5.50	34.177	5.10								

GANGWON 867 , STATION 104-05 , 37-03.4. N, 129-33.6. E, OCT.11.1988, 07:55 KST,
 DEPTH 220 , COLOR 4, TRANS. 12.0, WAVE SE 3, SWELL SE 1, WIND SE 3 , BARO 1012. ,
 AIR TEMP. DRY 21.8, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	22.24	33.855	5.42	0	22.24	33.855	5.42	23.30	458	458	0.0000
10	22.27	33.848	5.83	10	22.27	33.848	5.83	23.28	460	460	0.0459
20	22.24	33.924	5.63	20	22.24	33.924	5.63	23.35	453	454	0.0916
30	22.23	33.941	5.63	30	22.23	33.941	5.63	23.37	452	452	0.1369
50	15.05	34.203	5.21	50	15.05	34.203	5.21	25.36	262	263	0.2086
75	11.87	34.428	4.88	75	11.87	34.428	4.88	26.18	183	185	0.2646
95	9.62	34.450	4.78	100	9.25	34.421	4.76	26.64	140	142	0.3056
119	7.86	34.313	4.69	125	7.56	34.264	4.83	26.78	127	129	0.3396
140	6.83	34.142	5.21	150	6.32	34.126	5.22	26.84	121	123	0.3712
201	3.76	34.046	5.33	200	3.81	34.047	5.32	27.07	100	101	0.4276

GANGWON 867 , STATION 104-06 , 37-03.4. N, 129-47.6. E, OCT.12.1988, 09:20 KST,
 DEPTH 600 , COLOR 4, TRANS. 12.0, WAVE SE 4, SWELL SE 1, WIND SE 4 , BARO 1010. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	22.47	33.912	5.21	0	22.47	33.912	5.21	23.28	460	460	0.0000
10	22.41	33.969	5.73	10	22.41	33.969	5.73	23.34	455	455	0.0457
20	22.41	34.039	5.64	20	22.41	34.039	5.64	23.39	450	450	0.0910
30	22.28	34.167	5.52	30	22.28	34.167	5.52	23.52	437	437	0.1354
50	21.21	34.450	5.21	50	21.21	34.450	5.21	24.03	388	389	0.2182
75	18.11	34.523	4.88	75	18.11	34.523	4.88	24.89	306	308	0.3055
101	12.61	34.423	4.88	100	12.82	34.426	4.88	26.00	201	203	0.3696
124	9.63	34.359	4.90	125	9.53	34.353	4.91	26.54	150	152	0.4141
147	7.40	34.222	5.21	150	7.22	34.217	5.22	26.79	126	128	0.4492
194	4.73	34.150	5.42	200	4.35	34.141	5.42	27.08	098	100	0.5064
242	1.74	34.085	5.42	250	1.62	34.071	5.47	27.27	080	080	0.5517
291	1.02	34.004	5.73	300	0.96	34.000	5.71	27.26	081	081	0.5924
382	0.48	33.967	5.62	400	0.46	33.970	5.63	27.27	081	080	0.6736
482	0.38	33.987	5.73								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GANGWON 867 , STATION 104-07 , 37-03.4. N, 130-00.0. E, OCT.16.1988, 08:40 KST,
 DEPTH 720 , COLOR 4, TRANS. 13.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1011.5,
 ATR TEMP. DRY 19.5, WET , CLOUD. TYPE , AMT , WEATHER B

0	20.04	33.834	5.32	0	20.04	33.834	5.32	23.88	403	403	0.0000
10	20.04	34.006	5.62	10	20.04	34.006	5.62	24.01	390	390	0.0396
20	20.00	34.133	5.52	20	20.00	34.133	5.52	24.12	380	381	0.0782
30	19.96	34.372	5.00	30	19.96	34.372	5.00	24.31	362	363	0.1154
50	19.84	34.529	4.88	50	19.84	34.529	4.88	24.46	347	349	0.1867
75	18.44	34.532	4.78	75	18.44	34.532	4.78	24.82	313	315	0.2698
97	15.66	34.474	4.69	100	15.65	34.473	4.71	25.44	255	257	0.3415
122	15.59	34.469	4.88	125	15.55	34.469	4.90	25.45	253	256	0.4057
149	15.27	34.476	5.10	150	15.20	34.472	5.10	25.53	245	249	0.4690
194	12.42	34.310	5.10	200	12.33	34.306	5.12	26.00	201	205	0.5829
240	11.79	34.284	5.31	250	9.69	34.253	5.42	26.44	160	164	0.6755
287	1.94	34.142	5.83	300	1.78	34.133	5.81	27.31	077	077	0.7361
383	0.83	34.079	5.73	400	0.74	34.058	5.73	27.32	075	075	0.8129
460	0.43	33.987	5.73								

GANGWON 867 , STATION 104-08 , 37-03.4. N, 130-18.7. E, OCT.16.1988, 10:20 KST,
 DEPTH 1050 , COLOR 3, TRANS. 15.0, WAVE NE 3, SWELL NE 1, WIND NE 2 , BARO 1013.5,
 ATR TEMP. DRY 19.8, WET , CLOUD. TYPE , AMT , WEATHER B

0	19.69	33.862	5.31	0	19.69	33.862	5.31	23.99	392	392	0.0000
10	19.60	33.812	5.83	10	19.60	33.812	5.83	23.98	394	394	0.0393
20	19.59	33.838	5.73	20	19.59	33.838	5.73	24.00	391	392	0.0786
30	19.53	34.158	5.52	30	19.53	34.158	5.52	24.26	367	367	0.1166
50	16.42	34.413	4.90	50	16.42	34.413	4.90	25.21	276	277	0.1811
75	15.04	34.423	5.10	75	15.04	34.423	5.10	25.53	245	247	0.2467
97	12.80	34.376	5.24	100	12.63	34.377	5.25	26.00	201	203	0.3032
120	11.55	34.387	5.32	125	11.02	34.364	5.36	26.29	173	176	0.3507
142	9.22	34.290	5.52	150	9.18	34.287	5.50	26.55	149	152	0.3917
191	9.03	34.277	5.42	200	8.26	34.256	5.46	26.67	138	141	0.4651
234	5.39	34.181	5.63	250	4.36	34.137	5.67	27.08	099	101	0.5257
274	2.83	34.072	5.73	300	2.40	34.048	5.78	27.19	088	089	0.5733
374	1.19	33.982	5.94	400	1.01	33.985	5.85	27.25	083	083	0.6595
474	0.52	33.995	5.63								

GANGWON 867 , STATION 104-09 , 37-03.4. N, 130-37.6. E, OCT.16.1988, 11:55 KST,
 DEPTH 2340 , COLOR 3, TRANS. 15.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1015. ,
 ATR TEMP. DRY 20.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.71	33.843	5.63	0	19.71	33.843	5.63	23.97	394	394	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	19.48	33.986	5.83	10	19.48	33.986	5.83	24.14	378	378	0.0386
20	19.42	34.068	5.52	20	19.42	34.068	5.52	24.22	371	371	0.0761
30	18.22	34.182	5.52	30	18.22	34.182	5.52	24.61	333	334	0.1114
50	14.92	34.208	5.33	50	14.92	34.208	5.33	25.39	259	260	0.1708
75	13.03	34.322	5.22	75	13.03	34.322	5.22	25.88	213	214	0.2302
95	10.74	34.454	4.90	100	10.68	34.449	4.90	26.42	161	163	0.2775
117	10.50	34.435	4.90	125	10.16	34.401	4.93	26.47	156	158	0.3178
139	9.57	34.342	5.00	150	9.24	34.329	5.05	26.57	147	150	0.3564
184	8.24	34.290	5.21	200	7.12	34.265	5.28	26.84	121	124	0.4251
229	5.09	34.220	5.42	250	4.13	34.150	5.56	27.11	095	097	0.4806
274	3.05	34.072	5.73	300	2.59	34.061	5.73	27.19	088	089	0.5275
376	1.26	34.029	5.74								
378	0.50	34.022	5.64								

GANGWON 867 , STATION 104-10 , 37-03.4. N, 130-56.4. E, OCT.16.1988, 13:45 KST,
 DEPTH 1800 , COLOR 3, TRANS. 15.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1015. ,
 AIR TEMP. DRY 20.9, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	19.72	33.905	5.53	0	19.72	33.905	5.53	24.02	390	389	0.0000
10	19.48	33.994	5.73	10	19.48	33.994	5.73	24.15	377	377	0.0383
20	19.32	34.097	5.54	20	19.32	34.097	5.54	24.27	366	366	0.0756
30	19.30	34.121	5.42	30	19.30	34.121	5.42	24.29	364	364	0.1122
50	18.84	34.245	5.21	50	18.84	34.245	5.21	24.50	344	345	0.1832
75	16.45	34.384	5.31	75	16.45	34.384	5.31	25.18	278	280	0.2615
95	14.57	34.458	4.90	100	14.22	34.470	4.89	25.75	225	228	0.3251
122	12.69	34.525	4.89	125	12.45	34.510	4.90	26.14	188	191	0.3775
147	10.73	34.403	5.00	150	10.51	34.397	5.01	26.41	162	165	0.4221
195	7.31	34.310	5.31	200	6.87	34.296	5.34	26.90	116	118	0.4933
242	3.25	34.181	5.62	250	2.97	34.176	5.62	27.25	083	084	0.5441
281	1.91	34.158	5.64	300	1.86	34.132	5.63	27.30	077	078	0.5848
375	1.69	34.033	5.62	400	1.42	34.033	5.64	27.26	082	082	0.6653
470	0.67	34.035	5.73								

GANGWON 867 , STATION 104-11 , 37-03.4. N, 131-15.3. E, OCT.16.1988, 15:20 KST,
 DEPTH 2325 , COLOR 3, TRANS. 15.0, WAVE N 3, SWELL N 1, WIND N 2 , BARO 1013. ,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	19.70	33.920	5.52	0	19.70	33.920	5.52	24.03	388	388	0.0000
10	19.53	34.006	5.75	10	19.53	34.006	5.75	24.14	378	378	0.0383
20	19.38	34.158	5.42	20	19.38	34.158	5.42	24.30	363	363	0.0754
30	19.37	34.311	5.10	30	19.37	34.311	5.10	24.42	352	352	0.1112
50	18.92	34.542	5.08	50	18.92	34.542	5.08	24.71	324	325	0.1791

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	16.00	34.430	4.88	75	16.00	34.430	4.88	25.32	265	267	0.2532
101	13.03	34.417	4.69	100	13.14	34.417	4.69	25.93	208	210	0.3130
126	11.15	34.354	5.00	125	11.22	34.356	4.98	26.25	177	180	0.3619
146	10.02	34.204	5.21	150	9.89	34.196	5.24	26.36	167	170	0.4057
186	8.73	34.131	5.52	200	7.28	34.110	5.59	26.69	135	138	0.4828
230	4.20	34.065	5.74	250	3.47	34.081	5.74	27.13	094	096	0.5414
278	2.45	34.104	5.74	300	2.08	34.079	5.76	27.25	083	084	0.5865
375	0.85	33.998	5.83	400	0.74	34.004	5.83	27.28	080	079	0.6686
481	0.40	34.027	5.83								

1 月(January) 1989

GYUNGBUG 853 , STATION 104-04 , 37-03.4. N, 129-28.8. E, JAN. 5.1989, 07:25 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WTND SE 4 , BARO 1033.5,
 ATR TEMP. DRY 2.7, WET , CLOUD. TYPE , AMT , WEATHER B

0	12.68	34.212	6.21	0	12.68	34.212	6.21	25.86	214	214	0.0000
10	12.70	34.275	6.00	10	12.70	34.275	6.00	25.91	210	210	0.0212
20	12.20	34.296	5.89	20	12.20	34.296	5.89	26.02	199	199	0.0417
30	12.11	34.300	6.32	30	12.11	34.300	6.32	26.04	197	198	0.0616
50	9.19	34.322	6.63	50	9.19	34.322	6.63	26.57	147	147	0.0962
75	6.31	34.291	6.32	75	6.31	34.291	6.32	26.97	109	110	0.1284
100	4.16	34.265	6.42	100	4.16	34.265	6.42	27.20	087	087	0.1532

GYUNGBUG 853 , STATION 104-05 , 37-03.4. N, 129-33.6. E, JAN. 5.1989, 08:05 KST,
 DEPTH 220 , COLOR 4, TRANS. 14.0, WAVE SE 3, SWELL SE 2, WTND SE 4 , BARO 1033.5,
 ATR TEMP. DRY 2.9, WET , CLOUD. TYPE , AMT , WEATHER B

0	12.93	34.210	6.32	0	12.93	34.210	6.32	25.81	219	219	0.0000
10	12.93	34.292	5.89	10	12.93	34.292	5.89	25.87	213	213	0.0216
20	12.96	34.298	5.79	20	12.96	34.298	5.79	25.87	213	213	0.0429
30	12.59	34.324	5.79	30	12.59	34.324	5.79	25.96	204	205	0.0639
50	12.49	34.296	5.47	50	12.49	34.296	5.47	25.96	204	205	0.1050
75	8.10	34.279	5.26	75	8.10	34.279	5.26	26.71	134	135	0.1476
100	6.90	34.199	5.26	100	6.90	34.199	5.26	26.82	123	124	0.1801
125	5.92	34.153	5.79	125	5.92	34.153	5.79	26.91	115	116	0.2103
148	3.50	34.076	5.47	150	3.46	34.075	5.48	27.12	094	095	0.2368
205	2.41	34.062	5.79	200	2.50	34.063	5.76	27.20	087	088	0.2829

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 104-06 , 37-03.4. N, 129-47.6. E, JAN. 5.1989, 09:30 KST,
 DEPTH 600 , COLOR 4, TRANS. 14.0, WAVE SE 3, SWELL SE 2, WIND SE 3 , BARO 1033.5,
 AIR TEMP. DRY 3.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	13.46	34.204	6.00	0	13.46	34.204	6.00	25.70	230	229	0.0000
10	13.36	34.208	5.79	10	13.36	34.208	5.79	25.72	227	227	0.0228
20	13.40	34.271	5.89	20	13.40	34.271	5.89	25.76	224	224	0.0454
30	13.40	34.277	5.37	30	13.40	34.277	5.37	25.77	223	224	0.0678
50	13.37	34.197	5.26	50	13.37	34.197	5.26	25.71	228	229	0.1132
75	12.56	34.204	5.58	75	12.56	34.204	5.58	25.88	213	214	0.1688
99	10.73	34.212	5.79	100	10.65	34.211	5.77	26.24	178	180	0.2182
123	8.93	34.189	5.47	125	8.72	34.186	5.49	26.54	150	152	0.2598
147	6.44	34.157	5.79	150	6.21	34.153	5.80	26.87	118	120	0.2938
195	2.87	34.093	6.00	200	2.68	34.090	6.01	27.21	087	087	0.3459
241	1.14	34.072	6.11	250	1.08	34.068	6.05	27.31	077	077	0.3872
292	0.80	34.054	5.79	300	0.78	34.054	5.76	27.32	076	076	0.4256
395	0.57	34.066	5.47	400	0.56	34.064	5.49	27.34	074	074	0.5009
499	0.43	34.043	5.89								

GYUNGBUG 853 , STATION 104-07 , 37-03.4. N, 130-00.0. E, JAN. 5.1989, 11:00 KST,
 DEPTH 1050 , COLOR 4, TRANS. 15.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1033. ,
 AIR TEMP. DRY 3.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.44	34.158	6.21	0	12.44	34.158	6.21	25.87	214	213	0.0000
10	12.37	34.199	6.11	10	12.37	34.199	6.11	25.91	209	209	0.0211
20	11.92	34.271	5.79	20	11.92	34.271	5.79	26.05	196	196	0.0415
30	11.82	34.240	6.11	30	11.82	34.240	6.11	26.05	196	197	0.0611
50	11.78	34.210	5.79	50	11.78	34.210	5.79	26.03	198	199	0.1008
75	11.69	34.201	5.37	75	11.69	34.201	5.37	26.04	197	198	0.1506
99	11.57	34.171	5.37	100	11.56	34.170	5.38	26.04	197	199	0.2004
123	11.47	34.162	5.68	125	11.31	34.158	5.69	26.08	194	196	0.2499
145	9.81	34.124	5.79	150	9.28	34.119	5.83	26.40	163	166	0.2952
191	4.94	34.087	6.21	200	4.30	34.076	6.23	27.04	102	104	0.3628
237	1.67	34.035	6.32	250	1.46	34.026	6.16	27.25	082	083	0.4097
281	0.97	34.007	5.79	300	0.88	34.014	5.80	27.28	080	080	0.4506
379	0.54	34.046	5.89	400	0.51	34.045	5.81	27.32	075	075	0.5283
467	0.42	34.043	5.58								

GYUNGBUG 853 , STATION 104-08 , 37-03.4. N, 130-18.7. E, JAN. 5.1989, 13:05 KST,
 DEPTH 720 , COLOR 4, TRANS. 15.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1032. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.55	34.154	6.11	0	12.55	34.154	6.11	25.84	216	216	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	12.45	34.189	6.32	10	12.45	34.189	6.32	25.89	212	212	0.0214
20	12.09	34.234	6.00	20	12.09	34.234	6.00	25.99	202	202	0.0421
30	11.74	34.222	5.79	30	11.74	34.222	5.79	26.05	196	197	0.0621
50	11.73	34.175	5.47	50	11.73	34.175	5.47	26.01	200	200	0.1019
75	11.70	34.162	5.37	75	11.70	34.162	5.37	26.01	200	201	0.1522
98	11.53	34.168	5.47	100	11.51	34.164	5.45	26.05	197	199	0.2024
122	11.39	34.121	5.26	125	11.37	34.117	5.29	26.04	198	200	0.2523
147	11.26	34.088	5.58	150	11.14	34.084	5.58	26.05	196	199	0.3023
193	9.51	34.029	5.68	200	9.05	34.027	5.74	26.36	166	170	0.3948
240	6.48	34.019	6.11	250	5.64	34.015	6.00	26.84	122	124	0.4686
282	2.96	34.005	5.68	300	2.58	34.008	5.74	27.15	092	093	0.5232
376	0.98	34.022	6.00	400	0.86	34.026	5.94	27.29	079	079	0.6097
460	0.57	34.036	5.79								

GYUNGBUG 853 , STATION 104-09 , 37-03.4. N, 130-37.6. E, JAN. 5.1989, 15:05 KST,
 DEPTH 2340 , COLOR 3, TRANS. 16.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1031. ,
 AIR TEMP. DRY 10.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	11.95	34.138	6.32	0	11.95	34.138	6.32	25.94	206	206	0.0000
10	11.93	34.157	6.11	10	11.93	34.157	6.11	25.96	204	204	0.0205
20	11.87	34.212	6.53	20	11.87	34.212	6.53	26.02	199	200	0.0408
30	11.81	34.226	6.21	30	11.81	34.226	6.21	26.04	197	198	0.0607
50	11.80	34.195	6.00	50	11.80	34.195	6.00	26.02	199	200	0.1006
75	11.79	34.150	5.79	75	11.79	34.150	5.79	25.98	202	204	0.1512
97	11.78	34.181	5.89	100	11.78	34.178	5.86	26.01	200	202	0.2021
119	11.78	34.161	5.68	125	11.71	34.156	5.65	26.00	201	203	0.2529
142	11.53	34.142	5.58	150	11.29	34.130	5.63	26.06	195	198	0.3032
191	10.09	34.069	5.89	200	9.81	34.062	5.89	26.27	176	179	0.3979
241	8.54	34.033	5.89	250	7.94	34.027	5.81	26.53	150	154	0.4814
289	5.35	34.002	5.47	300	4.77	34.000	5.48	26.93	113	116	0.5491
367	1.27	33.991	5.58	400	1.05	34.006	5.69	27.26	081	082	0.6483
457	0.68	34.033	5.89								

GYUNGBUG 853 , STATION 104-10 , 37-03.4. N, 130-56.4. E, JAN. 5.1989, 17:10 KST,
 DEPTH 1800 , COLOR 3, TRANS. 16.0, WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1031. ,
 AIR TEMP. DRY 3.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	11.81	34.187	6.11	0	11.81	34.187	6.11	26.01	200	200	0.0000
10	11.84	34.204	6.11	10	11.84	34.204	6.11	26.02	199	199	0.0200
20	11.83	34.189	5.89	20	11.83	34.189	5.89	26.01	200	200	0.0400
30	11.82	34.171	6.32	30	11.82	34.171	6.32	25.99	201	202	0.0602

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	11.82	34.157	5.89	50	11.82	34.157	5.89	25.98	202	203	0.1008
75	11.80	34.163	5.58	75	11.80	34.163	5.58	25.99	202	203	0.1517
96	11.75	34.126	5.79	100	11.73	34.125	5.84	25.98	203	205	0.2029
121	11.64	34.123	6.11	125	11.60	34.126	6.15	26.00	201	203	0.2541
146	11.39	34.144	6.42	150	11.21	34.138	6.41	26.08	193	196	0.3042
188	9.60	34.085	6.32	200	9.54	34.085	6.20	26.33	170	173	0.3968
231	9.39	34.088	5.89	250	8.93	34.064	5.79	26.41	162	166	0.4819
275	8.33	34.033	5.68	300	6.69	34.028	5.76	26.71	133	137	0.5580
370	2.13	34.015	6.00	400	1.70	34.026	5.89	27.23	084	085	0.6697
465	0.77	34.052	5.68								

GYUNGBUG 853 , STATION 104-11 , 37-03.4. N, 131-15.3. E, JAN. 5.1989, 19:10 KST,
 DEPTH 2325 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1031. ,
 AIR TEMP. DRY 10.0, WET , CLOUD. TYPE , -AMT , WEATHER B

0	11.83	34.142	6.00	0	11.83	34.142	6.00	25.97	204	203	0.0000
10	11.83	34.185	6.21	10	11.83	34.185	6.21	26.00	201	201	0.0202
20	11.79	34.197	5.89	20	11.79	34.197	5.89	26.02	199	199	0.0402
30	11.79	34.176	5.79	30	11.79	34.176	5.79	26.00	201	201	0.0603
50	11.77	34.169	5.68	50	11.77	34.169	5.68	26.00	201	202	0.1007
75	11.72	34.162	5.89	75	11.72	34.162	5.89	26.01	200	202	0.1512
96	11.69	34.181	5.47	100	11.67	34.174	5.56	26.02	199	201	0.2016
118	11.62	34.145	6.00	125	11.17	34.140	5.90	26.09	192	195	0.2512
142	10.11	34.130	5.68	150	10.00	34.119	5.66	26.28	174	177	0.2978
192	9.45	34.065	5.58	200	9.43	34.066	5.62	26.33	169	173	0.3856
242	9.36	34.073	5.89	250	9.29	34.063	5.93	26.35	167	172	0.4720
280	9.06	34.029	6.11	300	7.75	34.022	5.99	26.56	148	152	0.5534
376	2.81	33.999	5.58	400	2.17	34.013	5.64	27.19	088	090	0.6750
452	0.80	34.046	5.79								

103 線 海洋觀測 成績 Oceanographic Data. Line 103

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, FEB.23.1988, 13:10 KST,
 DEPTH 110 , COLOR , TRANS. 6.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025. ,
 AIR TEMP. DRY 8.5, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	12.00	34.667	5.48	0	12.00	34.667	5.48	26.34	168	168	0.0000
10	12.04	34.676	5.66	10	12.04	34.676	5.66	26.34	168	168	0.0168
20	12.01	34.628	5.58	20	12.01	34.628	5.58	26.31	171	171	0.0338
30	12.03	34.665	5.43	30	12.03	34.665	5.43	26.34	169	169	0.0509
50	10.40	34.605	5.34	50	10.40	34.605	5.34	26.59	145	146	0.0825
75	9.32	34.350	5.33	75	9.32	34.350	5.33	26.57	147	148	0.1193
98	4.81	34.335	5.08								

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, FEB.23.1988, 12:20 KST,
 DEPTH 205 , COLOR , TRANS. 7.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	11.73	34.722	5.61	0	11.73	34.722	5.61	26.44	159	159	0.0000
10	11.75	34.614	5.63	10	11.75	34.614	5.63	26.35	168	168	0.0163
20	11.47	34.562	5.84	20	11.47	34.562	5.84	26.36	166	167	0.0331
30	10.84	34.593	5.46	30	10.84	34.593	5.46	26.50	153	154	0.0491
50	9.63	34.502	5.36	50	9.63	34.502	5.36	26.64	140	141	0.0787
75	9.20	34.406	5.43	75	9.20	34.406	5.43	26.64	141	142	0.1141
98	3.94	34.320	5.41	100	3.87	34.309	5.41	27.27	081	081	0.1421
123	3.11	34.193	5.51	125	2.99	34.189	5.50	27.26	082	082	0.1627
143	1.94	34.156	5.46	150	1.83	34.146	5.45	27.32	076	076	0.1826
196	1.15	34.086	5.43								

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, FEB.23.1988, 11:00 KST,
 DEPTH 235 , COLOR , TRANS. 7.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	11.99	34.748	5.62	0	11.99	34.748	5.62	26.41	162	162	0.0000
10	11.95	34.739	5.66	10	11.95	34.739	5.66	26.41	162	162	0.0162
20	11.93	34.627	5.70	20	11.93	34.627	5.70	26.33	170	170	0.0328

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	11.24	34.556	5.76	30	11.24	34.556	5.76	26.40	163	163	0.0495
50	11.20	34.379	5.78	50	11.20	34.379	5.78	26.27	175	176	0.0836
75	10.02	34.352	5.86	75	10.02	34.352	5.86	26.46	157	159	0.1256
98	8.44	34.355	5.63	100	8.02	34.357	5.62	26.78	127	128	0.1615
123	3.31	34.387	5.58	125	3.30	34.377	5.55	27.38	070	071	0.1866
146	3.26	34.280	5.28	150	3.10	34.272	5.27	27.31	076	077	0.2052
196	1.35	34.192	5.23	200	1.26	34.180	5.24	27.39	069	069	0.2421
230	0.59	34.098	5.36								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, FEB.23.1988, 09:30 KST,
 DEPTH 850 , COLOR , TRANS. 8.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1026. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	12.63	34.761	5.73	0	12.63	34.761	5.73	26.30	173	173	0.0000
10	12.73	34.717	5.52	10	12.73	34.717	5.52	26.24	178	178	0.0175
20	12.74	34.760	5.56	20	12.74	34.760	5.56	26.27	175	175	0.0352
30	12.31	34.681	5.48	30	12.31	34.681	5.48	26.30	173	173	0.0527
50	11.79	34.394	5.52	50	11.79	34.394	5.52	26.17	185	185	0.0887
75	10.89	34.316	5.73	75	10.89	34.316	5.73	26.28	175	176	0.1340
98	10.53	34.305	5.66	100	10.50	34.308	5.66	26.34	169	171	0.1774
123	10.26	34.351	5.66	125	10.02	34.348	5.63	26.45	158	160	0.2188
146	7.50	34.319	5.42	150	7.04	34.302	5.41	26.88	117	119	0.2539
195	1.96	34.119	5.36	200	1.83	34.123	5.35	27.30	078	078	0.3035
244	0.77	34.163	5.31	250	0.73	34.154	5.30	27.40	068	068	0.3403
292	0.52	34.095	5.28	300	0.51	34.093	5.28	27.36	072	071	0.3754
390	0.43	34.082	5.28	400	0.39	34.086	5.28	27.36	072	071	0.4470
488	0.11	34.122	5.28								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, FEB.23.1988, 07:40 KST,
 DEPTH 198 , COLOR , TRANS. 10.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1024. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	12.76	34.598	5.83	0	12.76	34.598	5.83	26.14	187	187	0.0000
10	12.67	34.615	5.72	10	12.67	34.615	5.72	26.17	184	184	0.0186
20	11.31	*****	5.62	20	11.31	34.544	5.62	26.38	165	165	0.0361
30	11.25	34.473	5.67	30	11.25	34.473	5.67	26.33	169	170	0.0529
50	11.15	34.444	5.84	50	11.15	34.444	5.84	26.33	170	170	0.0870
75	11.00	34.419	5.72	75	11.00	34.419	5.72	26.34	169	170	0.1297
97	10.41	34.353	5.82	100	10.37	34.348	5.79	26.39	163	165	0.1717
123	10.11	34.318	5.62	125	10.01	34.322	5.59	26.44	159	162	0.2128
146	8.98	34.370	5.32	150	8.47	34.349	5.30	26.71	134	136	0.2501
195	2.83	34.118	5.17								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, FEB.23.1988, 05:35 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1024.5,
 ATR TEMP. DRY 9.0, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	9.46	34.268	6.06	0	9.46	34.268	6.06	26.49	155	154	0.0000
10	9.40	34.245	6.18	10	9.40	34.245	6.18	26.48	156	155	0.0155
20	9.31	34.251	6.33	20	9.31	34.251	6.33	26.50	154	154	0.0310
30	9.16	34.252	6.33	30	9.16	34.252	6.33	26.52	151	152	0.0463
50	9.14	34.252	6.33	50	9.14	34.252	6.33	26.53	151	152	0.0767
75	8.93	34.260	6.12	75	8.93	34.260	6.12	26.57	147	148	0.1144
98	8.92	34.245	6.14	100	8.90	34.244	6.11	26.56	148	150	0.1517
123	8.77	34.241	5.87	125	8.43	34.228	5.85	26.62	142	144	0.1886
146	4.87	34.093	5.64	150	4.60	34.094	5.58	27.02	104	105	0.2199
195	1.63	34.109	5.00	200	1.56	34.109	5.01	27.31	077	077	0.2658
244	1.01	34.111	5.10	250	0.97	34.111	5.10	27.35	073	073	0.3035
292	0.70	34.111	5.10	300	0.68	34.111	5.09	27.37	071	071	0.3397
390	0.48	34.123	5.09	400	0.46	34.124	5.08	27.39	069	069	0.4100
487	0.38	34.133	5.00								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, FEB.23.1988, 03:35 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1026. ,
 ATR TEMP. DRY 9.0, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	9.70	34.378	5.80	0	9.70	34.378	5.80	26.53	150	150	0.0000
10	9.73	34.392	6.12	10	9.73	34.392	6.12	26.54	150	150	0.0150
20	9.75	34.373	6.02	20	9.75	34.373	6.02	26.52	152	152	0.0301
30	9.72	34.390	6.11	30	9.72	34.390	6.11	26.54	150	150	0.0453
50	9.68	34.389	6.02	50	9.68	34.389	6.02	26.54	149	150	0.0754
75	8.71	34.285	5.61	75	8.71	34.285	5.61	26.62	142	143	0.1121
98	6.48	34.173	5.61	100	6.29	34.171	5.60	26.88	118	119	0.1450
122	4.22	34.150	5.51	125	4.28	34.144	5.51	27.09	097	098	0.1722
147	4.77	34.106	5.52	150	4.76	34.107	5.52	27.01	105	106	0.1979
196	4.75	34.135	5.57	200	4.70	34.135	5.56	27.04	102	104	0.2506
245	4.20	34.138	5.51	250	4.02	34.136	5.49	27.11	095	097	0.3011
293	2.54	34.122	5.36	300	2.42	34.122	5.34	27.25	082	083	0.3465
391	0.96	34.122	5.20	400	0.92	34.113	5.18	27.35	072	073	0.4249
491	0.60	34.032	5.00								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, FEB.23.1988, 01:30 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1026. ,
 ATR TEMP. DRY 8.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	12.65	34.544	5.81	0	12.65	34.544	5.81	26.12	189	189	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
10	12.57	34.575	5.82	10	12.57	34.575	5.82	26.16	185	185	0.0187
20	12.47	34.561	5.77	20	12.47	34.561	5.77	26.17	185	185	0.0373
30	12.32	34.536	5.51	30	12.32	34.536	5.51	26.18	184	184	0.0558
50	11.08	34.528	5.71	50	11.08	34.528	5.71	26.41	162	163	0.0906
75	10.10	34.383	5.63	75	10.10	34.383	5.63	26.47	156	158	0.1308
98	9.32	34.314	5.41	100	9.22	34.305	5.41	26.55	148	150	0.1694
122	8.19	34.216	5.43	125	7.82	34.211	5.41	26.70	135	137	0.2053
143	5.63	34.186	5.31	150	5.13	34.176	5.31	27.02	104	105	0.2357
196	1.87	34.111	5.32	200	1.80	34.113	5.30	27.29	078	079	0.2818
245	1.05	34.138	5.08	250	1.02	34.137	5.07	27.37	071	071	0.3195
294	0.76	34.136	5.00	300	0.73	34.136	4.99	27.38	070	069	0.3549
392	0.41	34.139	4.94	400	0.39	34.138	4.92	27.41	068	067	0.4237
490	0.28	34.135	4.80								

4 月 (April)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, APR.17.1988, 12:40 KST,
 DEPTH 110 , COLOR , TRANS. 9.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1024. ,
 ATR TEMP. DRY 16.8, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	14.00	34.687	6.76	0	14.00	34.687	6.76	25.96	205	205	0.0000
10	13.35	34.672	6.60	10	13.35	34.672	6.60	26.08	193	193	0.0199
20	12.75	34.660	6.51	20	12.75	34.660	6.51	26.19	183	183	0.0387
30	12.30	34.636	6.56	30	12.30	34.636	6.56	26.26	176	176	0.0567
50	11.00	34.582	6.26	50	11.00	34.582	6.26	26.46	157	158	0.0902
75	8.35	34.498	6.18	75	8.35	34.498	6.18	26.84	121	122	0.1253
97	4.12	34.342	5.96								

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, APR.17.1988, 11:50 KST,
 DEPTH 205 , COLOR , TRANS. 10.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1024. ,
 ATR TEMP. DRY 16.6, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	12.93	34.613	6.66	0	12.93	34.613	6.66	26.12	189	189	0.0000
10	12.58	34.640	6.64	10	12.58	34.640	6.64	26.21	181	181	0.0185
20	12.38	34.642	6.46	20	12.38	34.642	6.46	26.25	177	177	0.0364
30	11.78	34.636	6.48	30	11.78	34.636	6.48	26.36	167	167	0.0537
50	10.86	34.562	6.06	50	10.86	34.562	6.06	26.47	156	157	0.0862
75	8.79	34.351	5.96	75	8.79	34.351	5.96	26.66	138	139	0.1233
97	7.73	34.251	5.68	100	7.65	34.245	5.68	26.75	130	131	0.1573
121	7.09	34.208	5.71	125	6.19	34.212	5.69	26.92	113	115	0.1881
137	3.52	34.225	5.66	150	2.92	34.220	5.58	27.29	079	079	0.2125
188	1.20	34.208	5.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, APR.17.1988, 10:25 KST,
 DEPTH 235 , COLOR , TRANS. 10.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	14.63	34.827	6.51	0	14.63	34.827	6.51	25.93	207	207	0.0000
10	14.37	34.842	6.50	10	14.37	34.842	6.50	26.00	201	201	0.0204
20	13.99	34.804	6.45	20	13.99	34.804	6.45	26.05	196	196	0.0403
30	13.89	34.789	6.48	30	13.89	34.789	6.48	26.06	195	196	0.0600
50	13.78	34.815	6.36	50	13.78	34.815	6.36	26.10	191	192	0.0988
75	13.72	34.791	6.28	75	13.72	34.791	6.28	26.10	192	193	0.1471
97	13.23	34.748	6.28	100	12.71	34.728	6.26	26.25	177	179	0.1938
122	8.90	34.587	6.17	125	8.02	34.544	6.13	26.93	113	115	0.2306
146	1.87	34.248	5.86	150	1.78	34.243	5.83	27.40	068	068	0.2536
194	0.80	34.198	5.56	200	0.75	34.198	5.52	27.43	065	065	0.2872
228	0.53	34.200	5.35								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, APR.17.1988, 08:55 KST,
 DEPTH 850 , COLOR , TRANS. 12.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	14.02	34.676	6.77	0	14.02	34.676	6.77	25.95	206	206	0.0000
10	13.98	34.672	6.75	10	13.98	34.672	6.75	25.95	206	205	0.0206
20	13.98	34.742	6.65	20	13.98	34.742	6.65	26.01	200	201	0.0409
30	13.98	34.808	6.63	30	13.98	34.808	6.63	26.06	196	196	0.0608
50	13.85	34.816	6.46	50	13.85	34.816	6.46	26.09	192	193	0.0998
75	13.65	34.804	6.34	75	13.65	34.804	6.34	26.12	189	191	0.1480
98	12.16	34.772	6.21	100	11.99	34.752	6.20	26.41	162	164	0.1925
122	10.14	34.537	6.16	125	10.09	34.533	6.14	26.59	145	148	0.2316
147	9.79	34.504	6.01	150	9.30	34.484	6.01	26.68	136	139	0.2675
192	2.48	34.214	6.08	200	2.24	34.210	6.02	27.34	074	075	0.3212
238	1.10	34.195	5.77	250	1.01	34.202	5.82	27.42	066	066	0.3566
283	0.78	34.224	5.96	300	0.71	34.218	5.94	27.45	063	063	0.3892
371	0.45	34.196	5.86	400	0.44	34.194	5.80	27.45	064	063	0.4528
470	0.43	34.190	5.68								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, APR.17.1988, 07:05 KST,
 DEPTH 198 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	14.12	34.672	6.68	0	14.12	34.672	6.68	25.92	208	208	0.0000
10	14.16	34.712	6.58	10	14.16	34.712	6.58	25.94	206	206	0.0207

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	14.16	34.715	6.46	20	14.16	34.715	6.46	25.95	206	206	0.0414
30	14.05	34.703	6.48	30	14.05	34.703	6.48	25.96	205	205	0.0620
50	13.07	34.704	6.30	50	13.07	34.704	6.30	26.16	185	186	0.1012
75	12.79	34.729	6.31	75	12.79	34.729	6.31	26.24	178	180	0.1472
97	12.57	34.720	6.08	100	12.47	34.709	6.07	26.29	174	176	0.1918
122	11.80	34.633	6.06	125	11.44	34.603	6.04	26.40	163	166	0.2346
146	8.99	34.398	5.96	150	8.50	34.372	5.95	26.72	132	135	0.2723
193	3.27	34.104	5.94								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, APR.17.1988, 05:05 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE , AMT , WEATHER

0	13.48	34.679	6.58	0	13.48	34.679	6.58	26.06	195	195	0.0000
10	13.42	34.627	6.66	10	13.42	34.627	6.66	26.03	198	198	0.0196
20	11.45	34.519	6.56	20	11.45	34.519	6.56	26.33	169	169	0.0380
30	11.44	34.510	6.61	30	11.44	34.510	6.61	26.33	170	170	0.0551
50	10.63	34.414	6.38	50	10.63	34.414	6.38	26.40	163	164	0.0886
75	9.72	34.347	6.20	75	9.72	34.347	6.20	26.50	153	154	0.1284
98	9.70	34.353	6.12	100	9.64	34.346	6.12	26.52	152	153	0.1670
123	8.96	34.276	6.20	125	8.93	34.275	6.18	26.58	146	148	0.2049
147	8.68	34.264	6.01	150	8.55	34.258	6.00	26.62	142	144	0.2415
195	6.65	34.181	5.91	200	6.12	34.170	5.91	26.90	116	118	0.3073
237	2.25	34.095	5.96	250	2.37	34.079	5.93	27.22	085	086	0.3585
283	2.68	34.039	5.88	300	2.30	34.048	5.87	27.20	087	088	0.4022
380	0.56	34.094	5.86	400	0.52	34.101	5.81	27.37	071	071	0.4820
476	0.38	34.129	5.66								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, APR.17.1988, 03:10 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE , AMT , WEATHER

0	11.49	34.414	6.71	0	11.49	34.414	6.71	26.24	178	177	0.0000
10	10.58	34.392	6.64	10	10.58	34.392	6.64	26.39	164	164	0.0171
20	10.42	34.404	6.68	20	10.42	34.404	6.68	26.43	160	160	0.0333
30	10.38	34.417	6.66	30	10.38	34.417	6.66	26.45	159	159	0.0493
50	10.08	34.451	6.46	50	10.08	34.451	6.46	26.52	151	152	0.0805
75	10.04	34.327	6.46	75	10.04	34.327	6.46	26.43	160	161	0.1197
97	10.01	34.189	6.41	100	9.86	34.190	6.38	26.36	167	169	0.1610
122	8.79	34.204	6.21	125	8.61	34.206	6.20	26.57	147	149	0.2008

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY
146	7.42	34.223	6.16	150	7.13	34.217	6.15	26.80	125	127	0.2353
192	4.17	34.160	6.06	200	4.08	34.146	6.02	27.12	095	096	0.2915
240	3.65	34.078	5.86	250	3.04	34.086	5.84	27.17	090	091	0.3386
286	0.88	34.117	5.81	300	0.81	34.116	5.78	27.36	072	071	0.3796
380	0.46	34.115	5.66	400	0.44	34.116	5.67	27.39	069	069	0.4503
479	0.37	34.123	5.71								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, APR.17.1988, 01:10 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1025. ,
 ATR TEMP. DRY 13.8, WET , CLOUD. TYPE , AMT , WEATHER

0	13.71	34.696	6.76	0	13.71	34.696	6.76	26.03	198	198	0.0000
10	13.14	34.710	6.61	10	13.14	34.710	6.61	26.15	186	186	0.0192
20	11.73	34.743	6.48	20	11.73	34.743	6.48	26.45	158	158	0.0365
30	11.60	34.587	6.21	30	11.60	34.587	6.21	26.36	167	167	0.0528
50	10.11	34.231	6.26	50	10.11	34.231	6.26	26.35	168	169	0.0865
75	10.84	34.266	6.24	75	10.84	34.266	6.24	26.25	177	179	0.1300
98	10.33	34.306	6.36	100	10.31	34.301	6.36	26.37	166	168	0.1735
123	10.14	34.246	6.36	125	10.08	34.240	6.34	26.36	167	169	0.2157
146	9.45	34.181	6.24	150	8.90	34.177	6.23	26.50	153	155	0.2564
191	3.33	34.140	6.14	200	2.94	34.135	6.10	27.22	085	086	0.3171
238	1.30	34.117	5.97	250	1.13	34.111	5.94	27.34	074	074	0.3574
286	0.64	34.095	5.88	300	0.62	34.098	5.88	27.36	072	072	0.3940
383	0.57	34.122	5.88	400	0.55	34.124	5.80	27.39	069	069	0.4649
479	0.50	34.135	5.46								

6 月(June)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, JUN.14.1988, 13:50 KST,
 DEPTH 110 , COLOR , TRANS. 7.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1008. ,
 ATR TEMP. DRY 20.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.60	34.142	6.35	0	18.60	34.142	6.35	24.48	345	345	0.0000
10	13.33	34.250	6.39	10	13.33	34.250	6.39	25.76	224	224	0.0284
20	9.10	*****	5.92	20	9.10	34.236	5.92	26.52	152	152	0.0473
30	4.22	34.222	5.85	30	4.22	34.222	5.85	27.16	091	091	0.0594
50	2.94	34.149	6.12	50	2.94	34.149	6.12	27.23	084	084	0.0770
75	2.42	34.134	6.13	75	2.42	34.134	6.13	27.26	081	081	0.0978
99	1.39	34.157	5.83								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, JUN.14.1988, 13:00 KST,
 DEPTH 205 , COLOR , TRANS. 7.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1008. ,
 ATR TEMP. DRY 21.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.44	34.010	6.17	0	17.44	34.010	6.17	24.67	328	328	0.0000
10	12.29	34.374	6.05	10	12.29	34.374	6.05	26.06	195	195	0.0261
20	8.79	34.309	5.89	20	8.79	34.309	5.89	26.63	141	142	0.0430
30	5.17	34.296	5.67	30	5.17	34.296	5.67	27.11	095	095	0.0549
50	4.21	34.224	6.01	50	4.21	34.224	6.01	27.16	090	091	0.0736
75	2.18	34.258	5.96	75	2.18	34.258	5.96	27.38	070	070	0.0938
99	1.98	34.324	5.71	100	1.95	34.314	5.70	27.44	064	064	0.1107
123	1.40	34.107	5.55	125	1.36	34.110	5.53	27.32	075	075	0.1282
146	0.96	34.147	5.39	150	0.93	34.150	5.38	27.38	070	070	0.1464
194	0.64	34.190	5.35								

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, JUN.14.1988, 11:40 KST,
 DEPTH 235 , COLOR , TRANS. 15.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1008. ,
 ATR TEMP. DRY 24.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.64	34.113	5.98	0	19.64	34.113	5.98	24.19	373	372	0.0000
10	18.19	34.000	6.08	10	18.19	34.000	6.08	24.48	346	346	0.0359
20	15.95	34.096	6.18	20	15.95	34.096	6.18	25.08	289	289	0.0677
30	15.54	34.566	5.78	30	15.54	34.566	5.78	25.53	245	246	0.0945
50	15.41	34.566	6.08	50	15.41	34.566	6.08	25.56	243	244	0.1436
75	15.45	34.612	5.98	75	15.45	34.612	5.98	25.59	240	242	0.2044
98	12.42	34.505	5.73	100	12.11	34.495	5.72	26.19	183	185	0.2579
123	8.60	34.381	5.66	125	8.36	34.370	5.65	26.74	131	133	0.2978
147	5.82	34.252	5.65	150	5.71	34.249	5.64	27.01	105	106	0.3278
195	4.12	34.215	5.49	200	3.74	34.201	5.47	27.19	088	089	0.3769
230	1.52	34.118	5.37								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, JUN.14.1988, 10:10 KST,
 DEPTH 850 , COLOR , TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1008. ,
 ATR TEMP. DRY 22.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.21	34.209	5.98	0	19.21	34.209	5.98	24.38	355	355	0.0000
10	18.80	34.269	6.03	10	18.80	34.269	6.03	24.53	341	341	0.0348
20	18.12	34.395	6.18	20	18.12	34.395	6.18	24.79	316	316	0.0677
30	16.08	34.469	6.38	30	16.08	34.469	6.38	25.34	264	265	0.0968
50	14.02	34.548	6.28	50	14.02	34.548	6.28	25.85	215	216	0.1450
75	11.81	34.517	6.08	75	11.81	34.517	6.08	26.26	176	177	0.1943

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
99	9.89	34.384	5.78	100	9.74	34.376	5.77	26.52	151	153	0.2357
123	6.47	34.210	5.58	125	6.31	34.208	5.57	26.90	115	117	0.2695
146	4.70	34.198	5.53	150	4.38	34.189	5.54	27.12	095	096	0.2962
193	1.02	34.100	5.68	200	0.97	34.097	5.66	27.34	074	074	0.3389
241	0.72	34.080	5.58	250	0.68	34.082	5.58	27.34	073	073	0.3760
290	0.52	34.092	5.58	300	0.50	34.091	5.59	27.36	072	071	0.4123
388	0.36	34.089	5.68	400	0.35	34.085	5.69	27.37	071	071	0.4839
486	0.31	34.063	5.78								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, JUN.14.1988, 08:20 KST,
 DEPTH 198 , COLOR , TRANS. 18.0, WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1008. ,
 AIR TEMP. DRY 24.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.31	34.483	6.16	0	19.31	34.483	6.16	24.56	338	337	0.0000
10	17.66	34.466	6.28	10	17.66	34.466	6.28	24.96	300	300	0.0319
20	15.60	34.554	6.28	20	15.60	34.554	6.28	25.51	248	248	0.0593
30	15.34	34.554	6.18	30	15.34	34.554	6.18	25.57	242	243	0.0839
50	13.42	34.505	6.18	50	13.42	34.505	6.18	25.94	207	208	0.1290
75	11.23	34.448	6.08	75	11.23	34.448	6.08	26.32	171	172	0.1766
98	10.17	34.360	5.63	100	10.08	34.355	5.62	26.45	158	160	0.2182
122	9.14	34.305	5.62	125	9.08	34.302	5.62	26.57	147	149	0.2569
144	8.77	34.283	5.68	150	8.28	34.262	5.65	26.67	137	140	0.2931
193	4.78	34.118	5.48								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, JUN.14.1988, 05:35 KST,
 DEPTH 2150 , COLOR , TRANS. 15.0, WAVE SE 5, SWELL SE 2, WIND SE 6 , BARO 1008. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.91	34.477	5.98	0	19.91	34.477	5.98	24.40	353	353	0.0000
10	18.11	34.488	6.13	10	18.11	34.488	6.13	24.87	309	309	0.0331
20	16.88	34.520	6.28	20	16.88	34.520	6.28	25.19	278	278	0.0625
30	15.41	34.527	6.18	30	15.41	34.527	6.18	25.53	246	246	0.0887
50	13.42	34.537	6.18	50	13.42	34.537	6.18	25.96	204	205	0.1340
75	11.29	34.492	6.13	75	11.29	34.492	6.13	26.34	168	170	0.1810
99	9.09	34.328	6.18	100	9.06	34.327	6.17	26.60	144	146	0.2206
123	8.56	34.306	6.12	125	8.45	34.302	6.11	26.67	137	139	0.2564
146	7.39	34.265	6.05	150	7.04	34.249	6.06	26.84	121	123	0.2893
194	3.21	34.075	6.18	200	3.00	34.073	6.15	27.16	091	092	0.3433
241	1.64	34.066	5.98	250	1.51	34.067	5.98	27.28	080	080	0.3864
290	0.96	*****	6.02	300	0.91	34.074	6.00	27.32	075	075	0.4255
387	0.50	34.089	5.88	400	0.48	34.085	5.89	27.36	072	072	0.4994
485	0.41	34.065	5.98								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, JUN.14.1988, 03:35 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1008. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.50	34.446	5.88	0	19.50	34.446	5.88	24.48	345	345	0.0000
10	18.80	*****	5.93	10	18.80	34.470	5.93	24.68	326	326	0.0336
20	17.00	34.495	6.33	20	17.00	34.495	6.33	25.14	283	283	0.0641
30	15.56	34.532	6.28	30	15.56	34.532	6.28	25.50	248	249	0.0907
50	13.75	34.569	5.98	50	13.75	34.569	5.98	25.92	209	210	0.1366
75	11.05	34.489	6.18	75	11.05	34.489	6.18	26.38	165	166	0.1837
99	8.86	34.348	6.33	100	8.69	34.339	6.33	26.66	138	139	0.2220
124	4.68	34.130	6.38	125	4.61	34.127	6.36	27.04	102	103	0.2524
147	3.12	34.081	5.98	150	3.01	34.078	5.98	27.17	090	091	0.2767
196	1.38	34.047	6.13	200	1.35	34.047	6.11	27.27	080	080	0.3197
243	1.05	34.057	5.98	250	1.01	34.059	5.98	27.31	077	077	0.3593
291	0.79	34.075	5.98	300	0.76	34.074	5.95	27.33	074	074	0.3973
390	0.55	34.073	5.73	400	0.53	34.072	5.72	27.35	073	073	0.4715
488	0.44	34.072	5.68								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, JUN.14.1988, 01:30 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1008. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.75	34.417	5.78	0	19.75	34.417	5.78	24.40	353	353	0.0000
10	19.32	34.410	5.93	10	19.32	34.410	5.93	24.50	343	343	0.0348
20	16.54	34.509	6.08	20	16.54	34.509	6.08	25.26	271	272	0.0656
30	15.16	34.550	6.18	30	15.16	34.550	6.18	25.60	239	239	0.0912
50	14.17	34.523	5.98	50	14.17	34.523	5.98	25.80	220	221	0.1373
75	12.30	34.550	6.18	75	12.30	34.550	6.18	26.20	182	184	0.1881
98	10.75	34.449	6.18	100	10.52	34.438	6.19	26.44	159	161	0.2313
122	7.99	34.326	6.38	125	7.29	34.299	6.33	26.84	121	123	0.2669
144	2.86	34.131	6.08	150	2.63	34.121	6.08	27.23	084	084	0.2929
192	1.02	34.052	6.08	200	0.97	34.052	6.09	27.30	077	077	0.3336
241	0.74	34.058	6.15	250	0.70	34.058	6.15	27.32	075	075	0.3719
290	0.57	34.061	6.18	300	0.55	34.062	6.17	27.34	074	074	0.4094
387	0.39	34.073	6.11	400	0.38	34.073	6.09	27.35	072	072	0.4829
485	0.38	34.073	5.98								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, AUG.21.1988, 12:35 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1000. ,
 AIR TEMP. DRY 27.4, WET , CLOUD. TYPE SC, AMT 08, WEATHER C

0	25.96	32.794	4.08	0	25.96	32.794	4.08	21.40	640	639	0.0000
10	25.61	32.790	4.23	10	25.61	32.790	4.23	21.51	630	630	0.0635
20	22.98	32.805	4.23	20	22.98	32.805	4.23	22.29	554	554	0.1227
30	14.71	34.211	4.15	30	14.71	34.211	4.15	25.44	254	255	0.1632
50	10.59	34.489	4.16	50	10.59	34.489	4.16	26.47	157	158	0.2045
75	8.08	34.337	4.27	75	8.08	34.337	4.27	26.76	129	130	0.2406
99	5.01	34.254	4.64								

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, AUG.21.1988, 11:35 KST,
 DEPTH 205 , COLOR 3, TRANS. 14.0, WAVE SW 3, SWELL SW 2, WIND SW 3 , BARO 1000. ,
 AIR TEMP. DRY 26.5, WET , CLOUD. TYPE SC, AMT 10, WEATHER R

0	25.80	32.708	4.43	0	25.80	32.708	4.43	21.39	641	641	0.0000
10	25.69	32.700	4.61	10	25.69	32.700	4.61	21.41	638	639	0.0640
20	23.25	33.152	4.47	20	23.25	33.152	4.47	22.48	536	537	0.1228
30	20.69	33.706	4.72	30	20.69	33.706	4.72	23.61	429	429	0.1711
50	14.78	34.552	4.46	50	14.78	34.552	4.46	25.69	231	232	0.2373
75	13.90	34.540	4.30	75	13.90	34.540	4.30	25.87	214	215	0.2933
99	9.08	34.450	4.62	100	8.95	34.445	4.61	26.71	134	135	0.3373
123	6.09	34.352	4.57	125	5.92	34.345	4.57	27.06	100	102	0.3670
146	4.20	34.274	4.63	150	4.06	34.270	4.66	27.22	086	087	0.3906
194	2.59	34.227	5.06								

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, AUG.21.1988, 10:05 KST,
 DEPTH 235 , COLOR 3, TRANS. 16.0, WAVE SW 3, SWELL SW 2, WIND SW 3 , BARO 1001. ,
 AIR TEMP. DRY 26.4, WET , CLOUD. TYPE SC, AMT 10, WEATHER R

0	26.21	32.743	4.59	0	26.21	32.743	4.59	21.29	651	650	0.0000
10	24.16	32.720	4.73	10	24.16	32.720	4.73	21.89	593	593	0.0622
20	21.29	34.172	4.86	20	21.29	34.172	4.86	23.80	410	411	0.1124
30	19.83	34.454	4.96	30	19.83	34.454	4.96	24.40	353	353	0.1507
50	18.13	34.588	4.67	50	18.13	34.588	4.67	24.94	302	303	0.2164

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	16.90	34.639	4.77	75	16.90	34.639	4.77	25.27	270	272	0.2884
99	15.33	34.658	4.68	100	15.15	34.654	4.68	25.68	231	233	0.3516
123	11.19	34.580	4.72	125	10.90	34.564	4.74	26.47	156	159	0.4008
147	7.78	34.395	5.06	150	7.60	34.389	5.04	26.87	119	121	0.4359
194	5.07	34.305	4.81	200	4.62	34.275	4.81	27.16	091	093	0.4895
228	2.53	34.139	4.86								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, AUG.21.1988, 08:30 KST,
 DEPTH 850 , COLOR 3, TRANS. 16.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1001. ,
 ATR TEMP. DRY 26.4, WET , CLOUD. TYPE SC, AMT 10, WEATHER R

0	25.92	33.300	4.38	0	25.92	33.300	4.38	21.79	602	602	0.0000
10	24.63	33.370	4.73	10	24.63	33.370	4.73	22.24	559	559	0.0581
20	21.94	34.309	4.67	20	21.94	34.309	4.67	23.73	417	418	0.1070
30	19.53	34.376	4.96	30	19.53	34.376	4.96	24.42	351	352	0.1455
50	16.91	34.513	4.77	50	16.91	34.513	4.77	25.18	279	280	0.2088
75	15.28	34.595	4.68	75	15.28	34.595	4.68	25.61	238	240	0.2739
99	10.58	34.517	4.72	100	10.54	34.515	4.73	26.49	154	156	0.3235
123	9.84	34.489	5.00	125	9.62	34.477	5.00	26.62	142	144	0.3611
146	7.34	34.356	5.05	150	6.99	34.343	5.05	26.92	114	116	0.3937
195	3.12	34.203	5.15	200	2.90	34.192	5.12	27.27	081	082	0.4433
239	1.27	34.111	4.92	250	1.14	34.114	4.94	27.34	074	074	0.4824
291	0.69	34.127	5.06	300	0.67	34.125	5.04	27.38	070	070	0.5186
388	0.54	34.115	4.86	400	0.51	34.115	4.88	27.38	070	070	0.5889
486	0.37	34.119	5.06								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, AUG.21.1988, 06:30 KST,
 DEPTH 198 , COLOR 3, TRANS. 16.0, WAVE S 2, SWELL S 1, WIND S 3 , BARO 1001.5,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE SC, AMT 08, WEATHER C

0	26.03	33.613	4.38	0	26.03	33.613	4.38	22.00	583	582	0.0000
10	26.22	33.593	4.87	10	26.22	33.593	4.87	21.92	590	590	0.0586
20	22.68	34.286	4.93	20	22.68	34.286	4.93	23.50	439	439	0.1101
30	22.33	34.125	4.98	30	22.33	34.125	4.98	23.48	441	442	0.1542
50	18.33	34.517	4.86	50	18.33	34.517	4.86	24.84	312	313	0.2298
75	16.36	34.694	4.57	75	16.36	34.694	4.57	25.44	254	256	0.3010
98	14.49	34.654	4.50	100	14.05	34.642	4.54	25.91	209	212	0.3596
122	9.27	34.521	5.06	125	9.03	34.504	5.06	26.74	131	133	0.4027
145	7.47	34.395	5.11	150	6.93	34.377	5.12	26.95	110	112	0.4335
194	2.19	34.223	5.25								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, AUG.21.1988, 04:25 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE S 2, SWELL S 1, WIND S 3 , BARO 1001.5,
 ATR TEMP. DRY 26.0, WET , CLOUD. TYPE SC, AMT 08, WEATHER C

0	26.02	33.499	4.40	0	26.02	33.499	4.40	21.91	591	590	0.0000
10	23.79	33.831	4.96	10	23.79	33.831	4.96	22.84	502	502	0.0546
20	20.66	34.258	5.05	20	20.66	34.258	5.05	24.04	388	388	0.0992
30	18.52	34.482	4.95	30	18.52	34.482	4.95	24.76	319	319	0.1346
50	16.14	34.619	4.78	50	16.14	34.619	4.78	25.44	254	256	0.1922
75	15.03	34.650	4.78	75	15.03	34.650	4.78	25.71	229	230	0.2531
98	8.45	34.435	4.94	100	8.45	34.437	4.96	26.78	127	128	0.2981
123	8.45	34.462	5.25	125	8.15	34.446	5.25	26.83	122	124	0.3298
145	5.20	34.289	5.35	150	4.86	34.281	5.34	27.14	093	094	0.3572
193	2.00	34.215	5.29	200	1.85	34.200	5.26	27.36	072	072	0.3991
241	0.98	34.115	5.13	250	0.92	34.116	5.13	27.36	072	072	0.4354
289	0.70	34.123	5.15	300	0.66	34.122	5.12	27.38	070	070	0.4712
386	0.38	34.119	4.96	400	0.37	34.121	4.99	27.39	069	068	0.5409
484	0.33	34.135	5.20								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, AUG.21.1988, 02:35 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE S 3, SWELL S 2, WIND S 3 , BARO 1002. ,
 ATR TEMP. DRY 26.4, WET , CLOUD. TYPE SC, AMT 07, WEATHER BC

0	26.33	33.484	4.51	0	26.33	33.484	4.51	21.81	601	601	0.0000
10	26.24	33.456	4.86	10	26.24	33.456	4.86	21.81	600	600	0.0601
20	22.80	33.988	4.87	20	22.80	33.988	4.87	23.24	464	464	0.1133
30	19.13	34.501	5.01	30	19.13	34.501	5.01	24.62	332	333	0.1532
50	15.87	34.862	5.09	50	15.87	34.862	5.09	25.68	231	232	0.2098
75	13.77	34.654	4.73	75	13.77	34.654	4.73	25.98	203	204	0.2645
99	6.84	34.352	4.58	100	6.81	34.349	4.60	26.95	111	112	0.3041
123	6.14	34.297	5.09	125	5.92	34.291	5.10	27.02	104	106	0.3315
147	3.59	34.235	5.27	150	3.46	34.234	5.25	27.25	083	083	0.3552
195	1.63	34.231	5.06	200	1.54	34.227	5.05	27.40	068	068	0.3933
244	0.81	34.199	5.00	250	0.78	34.188	5.00	27.42	066	066	0.4270
293	0.62	34.111	5.02	300	0.60	34.109	5.02	27.37	071	071	0.4613
390	0.45	34.092	5.04	400	0.43	34.093	5.03	27.37	071	071	0.5325
489	0.34	34.111	4.96								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, AUG.21.1988, 00:20 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE S 3, SWELL S 2, WIND S 3 , BARO 1003. ,
 ATR TEMP. DRY 26.3, WET , CLOUD. TYPE SC, AMT 07, WEATHER BC

0	26.40	33.355	4.51	0	26.40	33.355	4.51	21.69	612	612	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	23.20	33.636	4.85	10	23.20	33.636	4.85	22.86	500	500	0.0556
20	20.75	33.800	5.17	20	20.75	33.800	5.17	23.66	423	424	0.1018
30	17.77	34.192	5.20	30	17.77	34.192	5.20	24.72	322	323	0.1392
50	15.93	34.599	4.78	50	15.93	34.599	4.78	25.47	251	253	0.1969
75	14.21	34.650	4.73	75	14.21	34.650	4.73	25.89	212	213	0.2552
98	7.93	34.391	4.73	100	7.89	34.388	4.73	26.83	123	124	0.2975
122	7.48	34.356	4.78	125	7.06	34.348	4.81	26.91	114	116	0.3277
146	4.18	34.293	5.05	150	3.98	34.295	5.02	27.24	083	084	0.3528
194	1.81	34.317	4.78	200	1.69	34.294	4.76	27.45	064	064	0.3900
243	0.91	34.131	4.63	250	0.86	34.129	4.66	27.37	071	071	0.4240
291	0.60	34.123	4.88	300	0.57	34.123	4.87	27.38	070	069	0.4593
389	0.38	34.123	4.85	400	0.37	34.123	4.85	27.39	069	068	0.5286
487	0.37	34.123	4.86								

10月(October)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, OCT.12.1988, 20:10 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 6 , BARO 1008. ,
 ATR TEMP. DRY 14.0, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	22.21	33.856	6.27	0	22.21	33.856	6.27	23.31	457	457	0.0000
10	22.10	33.827	6.35	10	22.10	33.827	6.35	23.32	457	457	0.0457
20	21.54	33.745	6.28	20	21.54	33.745	6.28	23.41	448	448	0.0910
30	19.31	33.978	6.32	30	19.31	33.978	6.32	24.18	374	375	0.1322
50	14.07	34.232	6.33	50	14.07	34.232	6.33	25.59	240	241	0.1938
75	11.35	34.214	6.37	75	11.35	34.214	6.37	26.11	190	191	0.2479
98	3.08	34.486	6.28								

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, OCT.12.1988, 19:20 KST,
 DEPTH 205 , COLOR , TRANS. , WAVE SE 4, SWELL SE 2, WIND SE 6 , BARO 1009. ,
 ATR TEMP. DRY 14.5, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	22.34	33.757	6.37	0	22.34	33.757	6.37	23.20	468	468	0.0000
10	22.27	33.757	6.31	10	22.27	33.757	6.31	23.22	466	466	0.0467
20	22.40	33.749	6.27	20	22.40	33.749	6.27	23.17	470	471	0.0936
30	22.27	33.690	6.54	30	22.27	33.690	6.54	23.16	471	472	0.1407
50	22.38	33.690	6.33	50	22.38	33.690	6.33	23.13	474	475	0.2355
75	22.19	33.690	6.27	75	22.19	33.690	6.27	23.19	469	471	0.3539
99	15.95	34.406	6.36	100	15.91	34.412	6.34	25.33	265	267	0.4463
124	15.05	34.561	6.01	125	14.88	34.557	6.01	25.67	232	235	0.5093
148	11.17	34.483	6.03	150	10.90	34.476	6.03	26.40	163	166	0.5596
197	4.64	34.316	6.08								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, OCT.12.1988, 18:00 KST,
 DEPTH 235 , COLOR 4, TRANS. 12.0, WAVE SE 4, SWELL SE 2, WIND SE 5 , BARO 1010. ,
 ATR TEMP. DRY 14.5, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	22.33	33.855	5.98	0	22.33	33.855	5.98	23.27	461	460	0.0000
10	22.35	33.855	6.32	10	22.35	33.855	6.32	23.27	461	461	0.0461
20	21.20	33.855	6.18	20	21.20	33.855	6.18	23.58	431	431	0.0908
30	14.66	34.528	6.21	30	14.66	34.528	6.21	25.70	230	230	0.1239
50	14.61	34.489	6.34	50	14.61	34.489	6.34	25.68	232	233	0.1703
75	14.46	34.316	6.28	75	14.46	34.316	6.28	25.58	241	243	0.2299
98	11.16	34.237	6.26	100	10.34	34.237	6.25	26.31	171	173	0.2820
123	0.94	34.237	6.15	125	0.91	34.236	6.13	27.45	063	063	0.3116
147	0.67	34.225	6.02	150	0.64	34.225	6.01	27.46	062	062	0.3274
196	0.33	34.225	6.01	200	0.37	34.212	6.00	27.47	062	061	0.3585
229	0.74	34.125	5.99								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, OCT.12.1988, 16:30 KST,
 DEPTH 850 , COLOR 4, TRANS. 12.0, WAVE SE 4, SWELL SE 2, WIND SE 5 , BARO 1010. ,
 ATR TEMP. DRY 14.7, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	21.28	33.855	5.65	0	21.28	33.855	5.65	23.56	433	433	0.0000
10	21.04	*****	5.82	10	21.04	33.855	5.82	23.63	427	427	0.0430
20	18.97	33.855	5.87	20	18.97	33.855	5.87	24.17	375	375	0.0831
30	18.97	33.855	6.04	30	18.97	33.855	6.04	24.17	375	376	0.1207
50	16.07	34.598	5.95	50	16.07	34.598	5.95	25.44	254	256	0.1840
75	14.77	34.586	5.74	75	14.77	34.586	5.74	25.72	228	230	0.2447
99	11.81	34.586	5.79	100	11.77	34.586	5.79	26.32	170	172	0.2951
123	11.07	34.586	5.87	125	10.85	34.575	5.86	26.49	155	157	0.3364
147	8.54	34.465	5.81	150	8.22	34.455	5.80	26.83	122	125	0.3718
197	3.36	34.309	5.75	200	3.23	34.301	5.74	27.32	075	076	0.4224
246	1.28	34.194	5.60	250	1.24	34.186	5.58	27.39	069	069	0.4590
296	0.84	34.104	5.37	300	0.82	34.101	5.36	27.35	073	073	0.4946
394	0.53	34.054	5.34	400	0.52	34.056	5.33	27.33	074	074	0.5685
491	0.42	34.093	5.32								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, OCT.12.1988, 14:30 KST,
 DEPTH 198 , COLOR 4, TRANS. 11.0, WAVE SE 4, SWELL SE 2, WIND SE 5 , BARO 1010. ,
 ATR TEMP. DRY 15.9, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	22.85	33.850	5.36	0	22.85	33.850	5.36	23.12	475	475	0.0000
10	21.38	33.828	5.71	10	21.38	33.828	5.71	23.52	438	438	0.0456

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	21.32	33.828	5.72	20	21.32	33.828	5.72	23.53	436	436	0.0894
30	21.32	33.828	5.94	30	21.32	33.828	5.94	23.53	436	437	0.1330
50	16.55	34.266	5.73	50	16.55	34.266	5.73	25.07	289	290	0.2058
75	14.42	34.609	6.00	75	14.42	34.609	6.00	25.81	219	221	0.2699
99	11.12	34.611	5.95	100	11.05	34.606	5.93	26.47	156	158	0.3173
124	9.46	34.504	5.62	125	9.41	34.501	5.61	26.68	137	139	0.3545
149	8.30	34.434	5.47	150	8.17	34.431	5.46	26.82	123	126	0.3878
196	2.41	34.305	5.29								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, OCT.12.1988, 12:30 KST,
 DEPTH 2150 , COLOR 4, TRANS. 12.0, WAVE SE 4, SWELL SE 2, WIND SE 5 , BARO 1011. ,
 ATR TEMP. DRY 15.5, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	22.68	33.823	5.42	0	22.68	33.823	5.42	23.15	472	472	0.0000
10	22.66	33.823	5.41	10	22.66	33.823	5.41	23.16	472	472	0.0472
20	22.68	33.784	5.26	20	22.68	33.784	5.26	23.12	475	476	0.0946
30	21.51	33.784	5.47	30	21.51	33.784	5.47	23.45	444	445	0.1407
50	17.47	34.018	5.32	50	17.47	34.018	5.32	24.66	328	329	0.2182
75	13.84	34.508	5.44	75	13.84	34.508	5.44	25.85	215	216	0.2865
98	10.62	34.585	5.38	100	10.47	34.575	5.37	26.55	148	150	0.3325
123	8.82	34.469	5.30	125	8.63	34.461	5.29	26.77	128	130	0.3676
147	6.57	34.383	5.29	150	6.29	34.375	5.29	27.04	102	104	0.3970
196	2.09	34.264	5.29	200	2.00	34.255	5.28	27.39	069	069	0.4406
246	0.98	34.152	5.24	250	0.95	34.148	5.26	27.38	070	070	0.4757
296	0.69	34.102	5.49	300	0.68	34.099	5.48	27.36	072	072	0.5114
394	0.50	34.052	5.46	400	0.49	34.052	5.45	27.33	075	074	0.5850
492	0.41	34.052	5.42								

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, OCT.12.1988, 10:30 KST,
 DEPTH 1800 , COLOR 4, TRANS. 12.0, WAVE SW 4, SWELL SW 2, WIND SW 5 , BARO 1012.5,
 ATR TEMP. DRY 16.1, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	22.36	33.933	5.12	0	22.36	33.933	5.12	23.32	456	456	0.0000
10	22.35	33.902	5.00	10	22.35	33.902	5.00	23.30	458	458	0.0457
20	22.38	33.902	4.84	20	22.38	33.902	4.84	23.29	459	459	0.0916
30	22.36	33.902	4.84	30	22.36	33.902	4.84	23.30	458	459	0.1375
50	18.16	34.120	5.05	50	18.16	34.120	5.05	24.57	337	338	0.2172
75	14.28	34.528	5.10	75	14.28	34.528	5.10	25.78	222	224	0.2876
98	10.49	34.481	5.37	100	10.37	34.481	5.34	26.50	154	155	0.3351
123	9.01	34.485	5.05	125	8.68	34.468	5.02	26.77	128	130	0.3709

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
147	5.10	34.289	4.79	150	4.90	34.286	4.80	27.14	093	094	0.3991
196	1.91	34.246	5.00	200	1.83	34.237	5.03	27.39	069	069	0.4403
245	1.00	34.146	5.47	250	0.96	34.140	5.45	27.37	071	071	0.4755
294	0.66	34.096	5.32	300	0.64	34.092	5.30	27.36	072	072	0.5114
392	0.44	34.046	5.11	400	0.43	34.044	5.10	27.33	075	074	0.5852
492	0.39	34.032	5.00								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, OCT.12.1988, 08:30 KST,
 DEPTH 2100 , COLOR 4, TRANS. 11.0, WAVE SW 4, SWELL SW 2, WIND SW 5 , BARO 1012.5,
 AIR TEMP. DRY 16.9, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	22.18	33.826	4.89	0	22.18	33.826	4.89	23.29	459	458	0.0000
10	22.19	33.796	5.21	10	22.19	33.796	5.21	23.27	461	461	0.0460
20	22.12	33.796	5.00	20	22.12	33.796	5.00	23.29	459	460	0.0921
30	22.12	33.796	4.84	30	22.12	33.796	4.84	23.29	459	460	0.1381
50	17.69	34.344	4.74	50	17.69	34.344	4.74	24.86	309	311	0.2153
75	15.70	34.500	4.75	75	15.70	34.500	4.75	25.45	254	255	0.2861
99	14.36	34.586	4.74	100	14.35	34.585	4.74	25.81	219	222	0.3459
123	14.13	34.567	4.85	125	13.71	34.559	4.83	25.92	209	212	0.4002
147	9.17	34.473	4.68	150	8.79	34.461	4.71	26.75	130	133	0.4434
196	2.99	34.293	5.26	200	2.85	34.283	5.26	27.34	073	074	0.4954
244	1.42	34.177	5.37	250	1.41	34.166	5.34	27.36	071	072	0.5322
294	1.34	34.088	5.14	300	1.29	34.084	5.14	27.31	077	077	0.5697
392	0.58	34.038	5.17	400	0.55	34.038	5.15	27.32	076	076	0.6466
490	0.30	34.038	5.02								

12月(December)

GYUNGBUG 853 , STATION 103-04 , 36-30.3. N, 129-30.1. E, DEC.23.1988, 12:35 KST,
 DEPTH 110 , COLOR 3, TRANS. 18.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1026.5,
 AIR TEMP. DRY 10.2, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	13.72	34.265	5.72	0	13.72	34.265	5.72	25.69	230	230	0.0000
10	13.92	34.278	5.81	10	13.92	34.278	5.81	25.66	233	233	0.0232
20	13.90	34.290	5.67	20	13.90	34.290	5.67	25.67	232	232	0.0465
30	13.92	34.290	5.73	30	13.92	34.290	5.73	25.67	232	233	0.0698
50	13.91	34.356	5.75	50	13.91	34.356	5.75	25.72	227	228	0.1160
75	13.26	34.271	5.13	75	13.26	34.271	5.13	25.79	221	222	0.1724
98	12.26	34.270	5.09								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-05 , 36-30.3. N, 129-35.4. E, DEC.23.1988, 11:45 KST,
 DEPTH 205 , COLOR 3, TRANS. 16.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1027. ,
 ATR TEMP. DRY 10.0, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	14.53	34.307	5.60	0	14.53	34.307	5.60	25.55	243	243	0.0000
10	14.62	34.329	5.62	10	14.62	34.329	5.62	25.55	244	244	0.0243
20	14.59	34.313	5.75	20	14.59	34.313	5.75	25.55	244	244	0.0488
30	14.47	34.316	5.72	30	14.47	34.316	5.72	25.57	241	242	0.0731
50	13.91	34.265	6.10	50	13.91	34.265	6.10	25.65	234	235	0.1209
75	11.56	34.201	5.21	75	11.56	34.201	5.21	26.07	195	196	0.1749
98	7.31	34.122	5.13	100	7.18	34.121	5.14	26.72	133	134	0.2163
123	5.71	34.118	5.26	125	5.53	34.112	5.27	26.93	113	114	0.2475
146	3.71	34.060	5.42	150	3.55	34.058	5.44	27.10	097	097	0.2740
195	1.79	34.040	5.76								

GYUNGBUG 853 , STATION 103-06 , 36-30.3. N, 129-47.3. E, DEC.23.1988, 10:25 KST,
 DEPTH 235 , COLOR 3, TRANS. 16.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1028. ,
 ATR TEMP. DRY 10.0, WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	13.81	34.208	5.96	0	13.81	34.208	5.96	25.63	236	236	0.0000
10	13.82	34.217	6.74	10	13.82	34.217	6.74	25.63	236	236	0.0236
20	13.82	34.213	5.94	20	13.82	34.213	5.94	25.63	236	236	0.0472
30	13.80	34.215	5.77	30	13.80	34.215	5.77	25.64	235	236	0.0709
50	13.72	34.200	6.03	50	13.72	34.200	6.03	25.64	235	236	0.1182
73	13.32	34.214	5.79	75	13.30	34.214	5.76	25.74	226	228	0.1762
99	13.15	34.216	5.52	100	13.01	34.210	5.51	25.79	221	223	0.2326
123	9.99	34.074	5.51	125	9.53	34.071	5.54	26.32	171	173	0.2822
146	4.78	34.047	5.96	150	4.53	34.043	5.89	26.99	107	108	0.3175
194	1.80	34.004	5.17	200	1.69	34.003	5.16	27.21	086	086	0.3663
233	1.13	34.002	5.16								

GYUNGBUG 853 , STATION 103-07 , 36-30.3. N, 130-00.0. E, DEC.23.1988, 08:50 KST,
 DEPTH 850 , COLOR 3, TRANS. 14.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1029. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	13.38	33.961	5.75	0	13.38	33.961	5.75	25.53	246	246	0.0000
10	13.47	34.265	5.81	10	13.47	34.265	5.81	25.74	225	225	0.0235
20	13.42	34.214	5.81	20	13.42	34.214	5.81	25.71	228	228	0.0463
30	13.25	34.213	5.84	30	13.25	34.213	5.84	25.75	225	225	0.0690
50	12.69	34.188	5.86	50	12.69	34.188	5.86	25.84	216	217	0.1133
73	12.52	34.161	5.91	75	12.34	34.161	5.87	25.89	212	213	0.1672

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
98	10.29	34.165	5.45	100	9.89	34.154	5.48	26.32	170	172	0.2155
123	5.41	34.036	5.83	125	5.18	34.034	5.79	26.91	115	116	0.2516
146	2.78	34.021	5.43	150	2.67	34.016	5.43	27.15	092	093	0.2778
196	1.43	33.969	5.55	200	1.38	33.972	5.55	27.21	086	086	0.3227
245	0.84	34.013	5.57	250	0.81	34.012	5.58	27.28	079	079	0.3643
294	0.61	34.004	5.75	300	0.59	34.003	5.75	27.29	079	079	0.4040
393	0.42	34.000	5.75	400	0.41	34.006	5.74	27.30	078	077	0.4824
491	0.32	34.087	5.72								

GYUNGBUG 853 , STATION 103-08 , 36-30.3. N, 130-18.6. E, DEC.23.1988, 06:55 KST,
 DEPTH 198 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1029. ,
 AIR TEMP. DRY 7.6, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	13.49	34.227	5.78	0	13.49	34.227	5.78	25.71	228	228	0.0000
10	13.50	34.234	5.79	10	13.50	34.234	5.79	25.71	228	228	0.0228
20	12.90	34.140	5.88	20	12.90	34.140	5.88	25.76	224	224	0.0455
30	12.69	34.178	5.87	30	12.69	34.178	5.87	25.83	217	217	0.0676
50	12.52	34.158	5.94	50	12.52	34.158	5.94	25.85	215	216	0.1110
73	12.16	34.161	5.64	75	11.93	34.164	5.70	25.97	204	205	0.1638
98	9.33	34.207	6.43	100	9.12	34.198	6.37	26.49	155	156	0.2092
123	6.80	34.095	5.79	125	6.69	34.094	5.75	26.76	128	130	0.2451
147	5.51	34.087	5.33	150	5.30	34.081	5.38	26.93	113	114	0.2757
196	2.20	34.004	6.23								

GYUNGBUG 853 , STATION 103-09 , 36-30.3. N, 130-37.3. E, DEC.23.1988, 04:50 KST,
 DEPTH 2150 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1029.5,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	14.63	34.325	5.37	0	14.63	34.325	5.37	25.55	244	244	0.0000
10	14.71	34.242	5.28	10	14.71	34.242	5.28	25.47	252	252	0.0248
20	14.53	34.293	5.81	20	14.53	34.293	5.81	25.54	244	245	0.0496
30	13.85	34.238	5.77	30	13.85	34.238	5.77	25.64	235	235	0.0737
50	13.50	34.212	5.72	50	13.50	34.212	5.72	25.70	230	231	0.1204
73	12.59	34.205	5.96	75	12.52	34.204	5.92	25.89	212	213	0.1760
99	11.74	34.197	5.45	100	11.58	34.193	5.46	26.06	196	198	0.2275
124	7.83	34.110	5.79	125	7.69	34.105	5.82	26.63	141	143	0.2702
146	4.91	34.017	6.45	150	4.68	34.014	6.36	26.95	111	112	0.3022
195	2.19	33.989	5.43	200	2.07	33.990	5.43	27.18	089	090	0.3529
243	1.06	34.004	5.45	250	1.00	34.000	5.42	27.26	081	081	0.3960
292	0.65	33.976	5.30	300	0.63	33.976	5.32	27.26	081	081	0.4369
390	0.51	33.984	5.55	400	0.49	33.986	5.56	27.28	080	079	0.5175
487	0.37	34.004	5.69								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 103-10 , 36-30.3. N, 130-55.6. E, DEC.23.1988, 02:50 KST,
 DEPTH 1800 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1030. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE , AMT 10, WEATHER R

0	12.32	34.126	6.17	0	12.32	34.126	6.17	25.86	214	214	0.0000
10	12.38	34.083	6.12	10	12.38	34.083	6.12	25.82	218	218	0.0216
20	12.41	34.091	5.84	20	12.41	34.091	5.84	25.82	218	218	0.0434
30	12.39	34.133	6.38	30	12.39	34.133	6.38	25.86	215	215	0.0652
50	12.30	34.177	5.97	50	12.30	34.177	5.97	25.91	210	211	0.1078
73	11.89	34.115	6.08	75	11.85	34.111	6.07	25.94	207	208	0.1603
98	11.50	34.067	6.05	100	11.43	34.064	6.03	25.98	203	205	0.2120
123	10.70	34.033	5.91	125	10.46	33.950	5.87	26.07	194	197	0.2622
146	7.95	33.079	5.56	150	7.56	33.147	5.56	25.90	210	212	0.3135
195	3.19	33.923	5.57	200	3.02	33.920	5.58	27.04	102	103	0.3926
244	1.57	33.901	5.67	250	1.47	33.903	5.65	27.15	092	092	0.4417
293	0.83	33.923	5.56	300	0.80	33.922	5.54	27.21	086	086	0.4865
392	0.51	33.910	5.37	400	0.49	33.909	5.35	27.22	085	085	0.5726
490	0.33	33.904	5.18								

GYUNGBUG 853 , STATION 103-11 , 36-30.3. N, 131-14.0. E, DEC.23.1988, 00:45 KST,
 DEPTH 2100 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1030. ,
 AIR TEMP. DRY 9.6, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	13.83	34.091	5.72	0	13.83	34.091	5.72	25.53	245	245	0.0000
10	12.58	34.086	5.91	10	12.58	34.086	5.91	25.78	222	222	0.0233
20	13.70	34.099	5.94	20	13.70	34.099	5.94	25.57	242	242	0.0466
30	13.79	34.106	5.80	30	13.79	34.106	5.80	25.55	243	244	0.0709
50	13.42	34.109	5.98	50	13.42	34.109	5.98	25.63	236	237	0.1190
73	12.28	34.138	5.45	75	12.20	34.137	5.48	25.89	211	212	0.1753
99	11.35	34.131	5.92	100	11.29	34.132	5.91	26.06	195	197	0.2266
124	10.07	34.175	5.67	125	9.93	34.170	5.67	26.33	169	172	0.2728
147	6.87	34.076	5.79	150	6.60	34.066	5.78	26.75	129	131	0.3108
196	2.62	33.924	5.72	200	2.54	33.922	5.73	27.08	098	099	0.3686
245	1.70	33.911	5.87	250	1.61	33.911	5.82	27.15	092	092	0.4167
293	0.85	33.919	5.48	300	0.82	33.919	5.47	27.20	087	086	0.4617
390	0.53	33.922	5.43	400	0.51	33.922	5.43	27.23	085	084	0.5475
489	0.37	33.927	5.48								

102 線 海洋觀測 成績 Oceanographic Data. Line 102

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, FEB.22.1988, 10:40 KST,
 DEPTH 52 , COLOR , TRANS. 7.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1034. ,
 ATR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	12.80	34.531	5.28	0	12.80	34.531	5.28	26.08	193	193	0.0000
10	12.66	34.574	5.54	10	12.66	34.574	5.54	26.14	187	187	0.0190
20	11.42	34.596	5.42	20	11.42	34.596	5.42	26.40	163	163	0.0366
30	11.10	34.537	5.26	30	11.10	34.537	5.26	26.41	162	162	0.0529
50	9.01	34.488	5.10	50	9.01	34.488	5.10	26.73	132	132	0.0824

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, FEB.22.1988, 11:20 KST,
 DEPTH 210 , COLOR , TRANS. 11.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1032. ,
 ATR TEMP. DRY 10.5, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	13.57	34.678	5.29	0	13.57	34.678	5.29	26.04	197	197	0.0000
10	13.51	34.749	5.29	10	13.51	34.749	5.29	26.11	191	191	0.0194
20	13.40	34.697	5.41	20	13.40	34.697	5.41	26.09	192	192	0.0386
30	13.35	34.725	5.29	30	13.35	34.725	5.29	26.12	189	190	0.0577
50	13.41	34.705	5.36	50	13.41	34.705	5.36	26.10	192	193	0.0961
75	12.16	34.543	5.41	75	12.16	34.543	5.41	26.22	180	182	0.1430
98	10.16	34.463	5.27	100	9.75	34.444	5.24	26.57	146	148	0.1844
122	5.29	34.239	5.01	125	4.85	34.227	4.99	27.10	097	098	0.2153
145	1.97	34.148	4.89	150	1.86	34.146	4.87	27.32	076	076	0.2372
195	0.96	34.132	4.69								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, FEB.22.1988, 12:15 KST,
 DEPTH 700 , COLOR , TRANS. 13.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1032.5,
 ATR TEMP. DRY 13.5, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	12.98	34.618	5.31	0	12.98	34.618	5.31	26.11	190	190	0.0000
10	12.86	34.630	5.36	10	12.86	34.630	5.36	26.15	187	187	0.0188
20	12.35	34.615	5.39	20	12.35	34.615	5.39	26.24	178	179	0.0371

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	12.09	34.469	5.50	30	12.09	34.469	5.50	26.17	184	185	0.0554
50	11.09	34.450	5.41	50	11.09	34.450	5.41	26.35	168	169	0.0908
75	11.07	34.446	5.53	75	11.07	34.446	5.53	26.35	168	169	0.1333
98	10.60	34.412	5.31	100	10.51	34.406	5.29	26.41	162	163	0.1750
123	9.57	34.349	5.10	125	9.06	34.337	5.09	26.60	144	146	0.2137
147	3.52	34.213	5.03	150	3.39	34.207	5.03	27.23	084	085	0.2427
196	1.46	34.119	5.07	200	1.39	34.120	5.05	27.33	075	075	0.2828
243	0.67	34.139	4.92	250	0.65	34.138	4.92	27.39	069	069	0.3190
295	0.55	34.137	4.92	300	0.53	34.138	4.92	27.40	068	068	0.3534
392	0.35	34.170	5.00	400	0.34	34.169	5.00	27.43	065	064	0.4202
490	0.29	34.158	5.02								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, FEB.22.1988, 14:15 KST,
 DEPTH 1390 , COLOR , TRANS. 13.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1030.5,
 ATR TEMP. DRY 13.0, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	11.48	34.475	5.69	0	11.48	34.475	5.69	26.29	173	173	0.0000
10	11.49	34.484	5.51	10	11.49	34.484	5.51	26.30	173	172	0.0173
20	11.40	34.524	5.55	20	11.40	34.524	5.55	26.35	168	168	0.0343
30	11.38	34.483	5.49	30	11.38	34.483	5.49	26.32	171	171	0.0514
50	11.32	34.487	5.46	50	11.32	34.487	5.46	26.33	169	170	0.0856
75	10.99	34.438	5.41	75	10.99	34.438	5.41	26.35	167	169	0.1281
98	10.81	34.406	5.53	100	10.70	34.397	5.52	26.37	165	167	0.1702
122	9.54	34.301	5.46	125	9.37	34.299	5.47	26.52	151	153	0.2104
146	8.25	34.292	5.54	150	7.81	34.282	5.53	26.75	129	132	0.2461
195	2.96	34.181	5.48	200	2.78	34.175	5.46	27.26	081	082	0.2997
242	1.30	34.126	5.37	250	1.22	34.129	5.34	27.35	073	073	0.3388
292	0.86	34.149	5.23	300	0.83	34.151	5.22	27.39	069	069	0.3746
391	0.50	34.175	5.14	400	0.49	34.173	5.13	27.43	065	065	0.4421
490	0.39	34.155	5.06								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, FEB.22.1988, 16:20 KST,
 DEPTH 1530 , COLOR , TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1030. ,
 ATR TEMP. DRY 12.0, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	11.77	34.484	6.12	0	11.77	34.484	6.12	26.25	178	177	0.0000
10	11.56	34.508	6.11	10	11.56	34.508	6.11	26.30	172	172	0.0175
20	11.48	34.492	6.04	20	11.48	34.492	6.04	26.31	172	172	0.0347
30	11.41	34.492	6.04	30	11.41	34.492	6.04	26.32	171	171	0.0519
50	11.38	34.484	6.12	50	11.38	34.484	6.12	26.32	171	171	0.0862
75	11.35	34.482	6.14	75	11.35	34.482	6.14	26.32	170	172	0.1293

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
98	11.25	34.476	5.90	100	11.23	34.472	5.90	26.34	169	171	0.1722
122	11.02	34.433	5.92	125	10.90	34.420	5.90	26.36	167	170	0.2149
146	10.10	34.336	5.82	150	9.67	34.322	5.81	26.49	154	157	0.2558
195	4.88	34.173	5.73	200	4.54	34.170	5.71	27.09	098	100	0.3201
245	1.49	34.145	5.53	250	1.42	34.143	5.50	27.35	073	074	0.3637
294	0.86	34.129	5.33	300	0.83	34.130	5.32	27.37	071	071	0.3999
393	0.48	34.152	5.22	400	0.47	34.151	5.22	27.41	067	067	0.4691
490	0.45	34.140	5.29								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, FEB.22.1988, 18:20 KST,
 DEPTH 1880 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1029. ,
 AIR TEMP. DRY 7.3, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	10.98	34.476	5.96	0	10.98	34.476	5.96	26.39	164	164	0.0000
10	10.82	34.453	6.02	10	10.82	34.453	6.02	26.40	163	163	0.0164
20	10.30	34.392	6.25	20	10.30	34.392	6.25	26.44	159	159	0.0325
30	9.82	34.364	6.16	30	9.82	34.364	6.16	26.50	153	154	0.0482
50	9.69	34.326	6.12	50	9.69	34.326	6.12	26.49	154	155	0.0792
75	9.58	34.351	6.01	75	9.58	34.351	6.01	26.53	151	152	0.1176
98	9.03	34.272	5.90	100	8.92	34.267	5.88	26.57	147	148	0.1552
122	7.79	34.215	5.73	125	7.44	34.208	5.68	26.75	130	131	0.1903
144	5.27	34.169	5.41	150	4.83	34.164	5.41	27.05	101	103	0.2197
192	1.79	34.133	5.41	200	1.67	34.134	5.40	27.32	076	076	0.2646
241	1.06	34.141	5.35	250	1.01	34.140	5.32	27.37	071	071	0.3016
291	0.79	34.136	5.20	300	0.76	34.137	5.20	27.38	070	070	0.3369
390	0.46	34.149	5.20	400	0.44	34.148	5.20	27.41	067	067	0.4056
488	0.32	34.140	5.27								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, FEB.22.1988, 20:30 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1029. ,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	10.46	34.449	6.02	0	10.46	34.449	6.02	26.46	157	157	0.0000
10	10.54	34.462	6.00	10	10.54	34.462	6.00	26.45	158	158	0.0157
20	10.53	34.474	6.33	20	10.53	34.474	6.33	26.46	157	157	0.0315
30	10.52	34.474	6.16	30	10.52	34.474	6.16	26.47	157	157	0.0473
50	10.44	34.530	5.97	50	10.44	34.530	5.97	26.52	151	152	0.0783
75	9.47	34.362	5.70	75	9.47	34.362	5.70	26.56	148	149	0.1160

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
98	6.35	34.196	5.61	100	6.27	34.196	5.61	26.90	116	117	0.1494
123	5.41	34.201	5.63	125	5.14	34.194	5.62	27.04	102	104	0.1770
146	2.34	34.123	5.54	150	2.24	34.125	5.53	27.27	081	081	0.2002
195	1.21	34.148	5.46	200	1.17	34.148	5.44	27.37	071	071	0.2386
244	0.82	34.149	5.36	250	0.79	34.147	5.34	27.39	069	069	0.2739
292	0.65	34.138	5.23	300	0.63	34.138	5.22	27.39	069	069	0.3085
390	0.43	34.140	5.21	400	0.41	34.140	5.21	27.41	067	067	0.3769
487	0.31	34.147	5.21								

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, FEB.22.1988, 22:25 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1028. ,
 ATR TEMP. DRY 8.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	12.54	34.631	5.46	0	12.54	34.631	5.46	26.21	181	180	0.0000
10	12.54	34.660	5.63	10	12.54	34.660	5.63	26.23	179	179	0.0180
20	12.34	34.623	5.84	20	12.34	34.623	5.84	26.24	178	178	0.0358
30	11.50	34.519	5.82	30	11.50	34.519	5.82	26.32	170	171	0.0533
50	11.32	34.538	5.61	50	11.32	34.538	5.61	26.37	166	166	0.0871
75	11.09	34.516	5.37	75	11.09	34.516	5.37	26.40	163	165	0.1286
98	6.12	34.241	5.29	100	6.05	34.237	5.29	26.96	110	111	0.1632
122	5.30	34.200	5.30	125	4.91	34.189	5.31	27.06	100	101	0.1898
147	2.11	34.109	5.41	150	2.09	34.109	5.39	27.27	081	081	0.2127
196	1.88	34.124	5.10	200	1.83	34.125	5.08	27.30	077	078	0.2526
243	1.33	34.141	4.98	250	1.24	34.141	4.97	27.36	072	072	0.2905
292	0.75	34.145	4.95	300	0.72	34.143	4.95	27.39	069	069	0.3260
390	0.50	34.129	5.01	400	0.48	34.124	5.01	27.39	069	069	0.3954
486	0.38	34.081	5.06								

4 月 (April)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, APR.16.1988, 11:30 KST,
 DEPTH 52 , COLOR , TRANS. 7.0, WAVE SW 2, SWELL SW 2, WIND SW 3 , BARO 1026. ,
 ATR TEMP. DRY 17.0, WET , CLOUD. TYPE NS, AMT 04, WEATHER BC

0	12.50	34.579	6.77	0	12.50	34.579	6.77	26.18	184	184	0.0000
10	11.67	34.584	6.48	10	11.67	34.584	6.48	26.34	168	168	0.0176
20	11.07	34.573	6.35	20	11.07	34.573	6.35	26.44	159	159	0.0340
30	9.24	34.478	6.16	30	9.24	34.478	6.16	26.69	136	136	0.0488
50	7.53	34.247	5.86	50	7.53	34.247	5.86	26.77	128	129	0.0754

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, APR.16.1988, 12:10 KST,
 DEPTH 210 , COLOR , TRANS. 9.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1025. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	14.81	34.822	6.76	0	14.81	34.822	6.76	25.89	211	211	0.0000
10	14.42	34.830	6.76	10	14.42	34.830	6.76	25.98	203	203	0.0207
20	14.41	34.822	6.48	20	14.41	34.822	6.48	25.98	203	203	0.0411
30	14.33	34.844	6.48	30	14.33	34.844	6.48	26.01	200	200	0.0613
50	13.58	34.834	6.27	50	13.58	34.834	6.27	26.16	186	187	0.1001
75	11.71	34.697	6.26	75	11.71	34.697	6.26	26.42	161	162	0.1439
98	5.93	34.446	5.97	100	5.55	34.420	5.95	27.17	090	091	0.1757
122	1.46	34.135	5.76	125	1.40	34.141	5.75	27.34	073	073	0.1964
147	1.04	34.188	5.72	150	1.00	34.185	5.71	27.41	067	067	0.2141
196	0.53	34.155	5.63								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, APR.16.1988, 13:00 KST,
 DEPTH 700 , COLOR , TRANS. 10.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1025. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	14.61	34.804	6.68	0	14.61	34.804	6.68	25.92	209	208	0.0000
10	14.12	34.842	6.66	10	14.12	34.842	6.66	26.05	196	196	0.0202
20	13.99	34.811	6.48	20	13.99	34.811	6.48	26.06	196	196	0.0398
30	13.61	34.793	6.42	30	13.61	34.793	6.42	26.12	189	190	0.0592
50	13.91	34.784	6.18	50	13.91	34.784	6.18	26.05	196	197	0.0979
75	13.35	34.752	6.16	75	13.35	34.752	6.16	26.14	187	189	0.1463
98	12.85	34.784	6.00	100	11.93	34.739	5.98	26.41	162	164	0.1905
123	1.46	34.232	5.77	125	1.42	34.223	5.75	27.41	067	067	0.2195
147	1.04	34.135	5.60	150	1.01	34.135	5.61	27.37	071	071	0.2369
194	0.71	34.149	5.78	200	0.67	34.153	5.77	27.40	068	068	0.2719
240	0.43	34.181	5.76	250	0.40	34.183	5.73	27.44	064	064	0.3051
289	0.31	34.191	5.66	300	0.31	34.187	5.67	27.45	063	063	0.3370
388	0.31	34.161	5.81	400	0.29	34.164	5.81	27.43	065	065	0.4012
482	0.22	34.190	5.81								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, APR.16.1988, 14:30 KST,
 DEPTH 1390 , COLOR , TRANS. 9.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1025. ,
 AIR TEMP. DRY 15.8, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	14.36	34.799	6.71	0	14.36	34.799	6.71	25.97	204	204	0.0000
10	13.60	34.791	6.68	10	13.60	34.791	6.68	26.12	189	189	0.0196
20	12.69	34.739	6.43	20	12.69	34.739	6.43	26.27	176	176	0.0379

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	12.18	34.740	6.51	30	12.18	34.740	6.51	26.37	166	167	0.0551
50	12.83	34.701	6.46	50	12.83	34.701	6.46	26.21	181	182	0.0901
75	10.68	34.629	6.38	75	10.68	34.629	6.38	26.56	148	149	0.1316
98	9.79	34.528	6.27	100	9.72	34.517	6.26	26.64	141	142	0.1682
123	9.00	34.394	6.25	125	8.85	34.386	6.22	26.68	137	139	0.2034
146	7.31	34.307	6.01	150	6.84	34.293	5.99	26.90	115	117	0.2356
192	1.92	34.151	5.84	200	1.77	34.157	5.82	27.33	075	075	0.2839
239	1.09	34.190	5.76	250	1.02	34.189	5.74	27.41	067	067	0.3197
287	0.79	34.188	5.68	300	0.76	34.189	5.69	27.43	066	066	0.3532
382	0.63	34.198	5.76	400	0.61	34.197	5.74	27.44	064	064	0.4186
473	0.56	34.193	5.66								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, APR.16.1988, 16:30 KST,
 DEPTH 1530 , COLOR , TRANS. 7.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1025. ,
 ATR TEMP. DRY 14.1, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	12.90	34.716	6.61	0	12.90	34.716	6.61	26.21	181	181	0.0000
10	12.49	34.761	6.66	10	12.49	34.761	6.66	26.32	170	170	0.0176
20	12.02	34.759	6.54	20	12.02	34.759	6.54	26.41	162	162	0.0342
30	11.25	34.644	6.54	30	11.25	34.644	6.54	26.47	157	157	0.0502
50	10.11	34.499	6.39	50	10.11	34.499	6.39	26.56	148	149	0.0809
75	9.83	34.459	6.26	75	9.83	34.459	6.26	26.57	146	148	0.1181
98	9.41	34.383	6.38	100	9.40	34.381	6.36	26.58	145	147	0.1551
123	9.29	34.358	6.21	125	8.45	34.336	6.19	26.70	134	136	0.1906
141	1.73	34.162	6.04	150	1.58	34.165	6.01	27.35	073	073	0.2169
189	0.96	34.182	5.91	200	0.90	34.166	5.90	27.40	068	068	0.2524
238	0.72	34.111	5.88	250	0.67	34.102	5.88	27.36	072	072	0.2876
284	0.56	34.077	5.91	300	0.55	34.078	5.88	27.35	073	073	0.3239
379	0.53	34.087	5.76	400	0.51	34.092	5.77	27.36	072	071	0.3965
472	0.47	34.110	5.81								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, APR.16.1988, 18:20 KST,
 DEPTH 1880 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1025. ,
 ATR TEMP. DRY 14.5, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	11.85	34.449	6.67	0	11.85	34.449	6.67	26.20	182	181	0.0000
10	11.25	34.518	6.66	10	11.25	34.518	6.66	26.37	166	166	0.0174
20	11.04	34.501	6.54	20	11.04	34.501	6.54	26.39	163	164	0.0339
30	11.00	34.485	6.34	30	11.00	34.485	6.34	26.39	164	164	0.0503
50	10.89	34.485	6.46	50	10.89	34.485	6.46	26.41	162	163	0.0831
75	10.61	34.453	6.35	75	10.61	34.453	6.35	26.43	160	161	0.1238

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
98	10.26	34.395	6.43	100	10.19	34.387	6.42	26.45	158	160	0.1640
123	9.49	34.300	6.33	125	9.45	34.295	6.32	26.51	153	155	0.2034
145	9.13	34.248	6.26	150	8.99	34.245	6.23	26.54	149	152	0.2419
192	7.87	34.221	6.01	200	6.95	34.196	5.99	26.81	124	127	0.3118
240	2.38	34.076	5.94	250	2.10	34.074	5.93	27.24	083	084	0.3647
286	1.11	34.068	5.91	300	1.02	34.068	5.89	27.31	076	077	0.4051
381	0.54	34.068	5.80	400	0.52	34.071	5.79	27.35	073	073	0.4804
475	0.45	34.087	5.76								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, APR.16.1988, 20:20 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1026. ,
 ATR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT , WEATHER

0	11.89	34.440	6.66	0	11.89	34.440	6.66	26.19	183	183	0.0000
10	11.10	34.557	6.58	10	11.10	34.557	6.58	26.43	160	160	0.0171
20	11.00	34.518	6.46	20	11.00	34.518	6.46	26.41	162	162	0.0333
30	10.55	34.460	6.40	30	10.55	34.460	6.40	26.45	158	159	0.0494
50	10.32	34.433	6.42	50	10.32	34.433	6.42	26.47	156	157	0.0810
75	9.96	34.396	6.27	75	9.96	34.396	6.27	26.50	153	154	0.1201
97	9.13	34.369	6.46	100	9.17	34.351	6.45	26.60	144	146	0.1578
122	9.50	34.219	6.38	125	9.45	34.225	6.36	26.45	158	160	0.1961
147	9.09	34.275	6.24	150	8.90	34.268	6.23	26.58	146	149	0.2348
196	6.06	34.174	6.14	200	5.68	34.165	6.11	26.95	111	113	0.3005
241	1.89	34.082	5.88	250	1.71	34.080	5.87	27.27	080	080	0.3491
288	0.96	34.074	5.86	300	0.90	34.075	5.86	27.33	075	075	0.3883
385	0.55	34.088	5.88	400	0.52	34.090	5.87	27.36	072	072	0.4621
481	0.38	34.101	5.86								

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, APR.16.1988, 22:15 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1026. ,
 ATR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT , WEATHER

0	13.04	34.651	6.58	0	13.04	34.651	6.58	26.13	189	188	0.0000
10	12.50	34.632	6.69	10	12.50	34.632	6.69	26.22	180	180	0.0184
20	11.64	34.538	6.66	20	11.64	34.538	6.66	26.31	171	171	0.0360
30	11.26	34.519	6.56	30	11.26	34.519	6.56	26.37	166	166	0.0530
50	10.98	34.512	6.44	50	10.98	34.512	6.44	26.41	162	162	0.0859
75	10.12	34.440	6.36	75	10.12	34.440	6.36	26.51	153	154	0.1256
98	9.35	34.340	6.40	100	9.28	34.333	6.39	26.57	147	149	0.1636
123	8.49	34.261	6.36	125	8.38	34.256	6.35	26.65	139	141	0.1999
147	7.17	34.209	6.26	150	6.85	34.200	6.24	26.83	123	125	0.2333
192	2.45	34.078	5.96	200	2.24	34.074	5.95	27.23	084	085	0.2859

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
240	1.19	34.056	5.91	250	1.10	34.064	5.89	27.30	077	077	0.3267
286	0.80	34.093	5.86	300	0.75	34.092	5.84	27.35	073	073	0.3645
381	0.50	34.089	5.76	400	0.47	34.058	5.74	27.34	074	074	0.4383
477	0.38	33.937	5.66								

6 月 (June)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, JUN.13.1988, 09:40 KST,
 DEPTH 63 , COLOR , TRANS. 11.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1008. ,
 AIR TEMP. DRY 18.7, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	17.75	33.990	6.03	0	17.75	33.990	6.03	24.57	336	336	0.0000
10	15.44	34.133	6.20	10	15.44	34.133	6.20	25.22	275	275	0.0306
20	14.20	34.216	5.96	20	14.20	34.216	5.96	25.55	243	244	0.0565
30	10.46	34.256	5.48	30	10.46	34.256	5.48	26.31	172	172	0.0774
50	8.29	34.162	5.58	50	8.29	34.162	5.58	26.59	145	146	0.1092

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, JUN.13.1988, 10:25 KST,
 DEPTH 210 , COLOR , TRANS. 11.0, WAVE N 4, SWELL N 2, WIND N 5 , BARO 1008. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	19.19	34.186	5.98	0	19.19	34.186	5.98	24.37	356	356	0.0000
10	16.20	33.900	6.28	10	16.20	33.900	6.28	24.87	308	308	0.0332
20	15.57	33.899	6.18	20	15.57	33.899	6.18	25.01	295	295	0.0634
30	14.99	34.462	5.80	30	14.99	34.462	5.80	25.57	241	242	0.0903
50	15.07	34.542	5.48	50	15.07	34.542	5.48	25.62	237	238	0.1385
75	7.53	34.320	5.83	75	7.53	34.320	5.83	26.82	123	124	0.1838
98	3.96	34.187	5.76	100	3.77	34.179	5.76	27.17	090	090	0.2107
123	1.68	34.096	5.78	125	1.60	34.092	5.77	27.29	078	078	0.2318
145	0.83	34.055	5.73	150	0.78	34.057	5.72	27.32	076	076	0.2512
194	0.34	34.081	5.70								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, JUN.13.1988, 11:20 KST,
 DEPTH 700 , COLOR , TRANS. 17.0, WAVE N 5, SWELL N 2, WIND N 6 , BARO 1008. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	19.88	33.960	5.98	0	19.88	33.960	5.98	24.02	390	389	0.0000
10	18.64	34.046	6.18	10	18.64	34.046	6.18	24.40	353	353	0.0371

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	15.03	34.196	6.03	20	15.03	34.196	6.03	25.36	262	262	0.0680
30	14.58	34.351	5.28	30	14.58	34.351	5.28	25.58	241	242	0.0932
50	14.93	34.588	5.98	50	14.93	34.588	5.98	25.68	231	232	0.1407
75	13.64	34.557	5.88	75	13.64	34.557	5.88	25.93	207	209	0.1959
98	9.62	34.376	6.28	100	9.30	34.362	6.27	26.59	145	147	0.2405
123	5.67	34.209	6.18	125	5.42	34.206	6.17	27.01	105	106	0.2722
145	2.97	34.186	6.08	150	2.73	34.175	6.08	27.27	081	081	0.2958
193	0.72	34.085	6.08	200	0.70	34.085	6.05	27.35	073	073	0.3345
242	0.58	34.090	5.88	250	0.55	34.090	5.89	27.36	072	072	0.3710
291	0.42	34.094	5.98	300	0.41	34.093	5.97	27.37	071	071	0.4068
389	0.39	34.085	5.96	400	0.38	34.084	5.92	27.36	072	071	0.4782
488	0.31	34.082	5.63								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, JUN.13.1988, 13:20 KST,
 DEPTH 1390 , COLOR , TRANS. 17.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1008. ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	19.60	34.447	5.78	0	19.60	34.447	5.78	24.46	347	347	0.0000
10	18.04	34.447	6.06	10	18.04	34.447	6.06	24.85	310	310	0.0329
20	16.57	34.497	6.33	20	16.57	34.497	6.33	25.24	273	273	0.0621
30	13.74	34.589	5.98	30	13.74	34.589	5.98	25.94	207	207	0.0861
50	12.50	34.583	6.43	50	12.50	34.583	6.43	26.18	184	184	0.1254
75	10.86	34.487	6.38	75	10.86	34.487	6.38	26.42	161	163	0.1690
99	10.00	34.390	6.38	100	9.96	34.386	6.38	26.49	154	156	0.2089
123	9.17	34.296	6.38	125	9.19	34.286	6.36	26.54	149	151	0.2474
146	9.47	34.183	6.20	150	8.91	34.174	6.19	26.50	153	156	0.2860
195	2.63	34.080	6.08	200	2.63	34.079	6.06	27.20	087	088	0.3471
243	2.70	34.076	5.98	250	2.40	34.076	5.96	27.22	085	086	0.3909
291	0.71	34.082	5.90	300	0.68	34.082	5.92	27.34	073	073	0.4311
388	0.49	34.087	6.16	400	0.47	34.091	6.11	27.36	072	071	0.5037
486	0.34	34.122	5.83								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, JUN.13.1988, 15:50 KST,
 DEPTH 1530 , COLOR , TRANS. 18.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1008.5,
 AIR TEMP. DRY 21.8, WET , CLOUD. TYPE , AMT 05, WEATHER BC

0	20.04	34.469	5.88	0	20.04	34.469	5.88	24.36	357	357	0.0000
10	18.70	34.407	6.15	10	18.70	34.407	6.15	24.66	328	329	0.0343
20	16.55	34.473	6.38	20	16.55	34.473	6.38	25.23	274	274	0.0644
30	13.09	34.575	6.48	30	13.09	34.575	6.48	26.06	195	196	0.0880
50	11.45	34.528	6.53	50	11.45	34.528	6.53	26.34	169	169	0.1246

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	11.00	34.492	6.43	75	11.00	34.492	6.43	26.39	163	165	0.1665
98	10.55	34.435	6.68	100	10.49	34.432	6.66	26.44	159	161	0.2074
123	9.86	34.400	6.48	125	9.79	34.392	6.45	26.53	151	153	0.2468
145	9.18	34.313	6.21	150	8.91	34.313	6.19	26.61	143	145	0.2843
193	6.59	34.317	6.08	200	5.98	34.284	6.03	27.01	105	108	0.3479
241	2.46	34.097	5.78	250	2.18	34.093	5.78	27.25	083	083	0.3959
289	1.01	34.076	5.78	300	0.96	34.077	5.78	27.32	075	075	0.4358
387	0.64	34.093	5.80	400	0.61	34.091	5.82	27.36	072	072	0.5101
485	0.46	34.078	5.98								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, JUN.13.1988, 17:55 KST,
 DEPTH 1880 , COLOR , TRANS. 16.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1008. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE , AMT 01, WEATHER B

0	19.76	34.407	6.10	0	19.76	34.407	6.10	24.39	354	354	0.0000
10	18.25	34.548	6.28	10	18.25	34.548	6.28	24.88	308	308	0.0331
20	15.21	34.508	6.43	20	15.21	34.508	6.43	25.56	243	243	0.0607
30	16.88	34.591	6.58	30	16.88	34.591	6.58	25.24	273	273	0.0865
50	11.61	34.516	6.43	50	11.61	34.516	6.43	26.30	172	173	0.1313
75	10.22	34.408	6.56	75	10.22	34.408	6.56	26.47	157	158	0.1728
98	9.52	34.362	6.48	100	9.50	34.357	6.47	26.55	149	151	0.2115
122	9.39	34.306	6.43	125	9.29	34.301	6.40	26.54	150	152	0.2494
144	8.70	34.276	6.28	150	8.18	34.258	6.26	26.68	136	139	0.2859
191	4.66	34.142	6.16	200	4.12	34.137	6.15	27.10	096	098	0.3452
240	1.73	34.115	6.13	250	1.57	34.105	6.09	27.30	077	078	0.3892
288	1.00	34.071	5.98	300	0.95	34.071	5.99	27.32	076	076	0.4278
386	0.61	34.079	6.12	400	0.58	34.081	6.12	27.35	073	073	0.5025
484	0.46	34.093	6.18								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, JUN.13.1988, 20:05 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE SW 5, SWELL SW 2, WIND SW 6 , BARO 1008. ,
 ATR TEMP. DRY 18.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.11	34.477	6.28	0	20.11	34.477	6.28	24.35	358	358	0.0000
10	18.41	34.472	6.38	10	18.41	34.472	6.38	24.78	317	317	0.0337
20	15.88	34.556	6.58	20	15.88	34.556	6.58	25.45	253	254	0.0623
30	13.98	34.561	6.48	30	13.98	34.561	6.48	25.87	214	214	0.0858
50	13.04	34.574	6.40	50	13.04	34.574	6.40	26.07	194	195	0.1268
75	9.78	34.410	6.51	75	9.78	34.410	6.51	26.54	149	151	0.1702
98	7.62	34.252	6.48	100	7.44	34.247	6.47	26.78	127	128	0.2051

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
122	5.51	34.200	6.38	125	5.16	34.185	6.36	27.03	103	104	0.2343
144	2.97	34.097	6.28	150	2.75	34.094	6.28	27.20	087	087	0.2584
192	1.27	34.074	6.28	200	1.20	34.074	6.26	27.30	077	077	0.2999
239	0.88	34.074	6.18	250	0.80	34.075	6.18	27.33	075	074	0.3380
285	0.57	34.082	6.18	300	0.54	34.081	6.17	27.35	073	072	0.3750
383	0.38	34.080	6.13	400	0.38	34.078	6.11	27.36	072	072	0.4474
482	0.40	34.070	6.03								

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, JUN.13.1988, 22:40 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1008. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.28	34.445	6.18	0	19.28	34.445	6.18	24.54	340	339	0.0000
10	17.91	34.425	6.23	10	17.91	34.425	6.23	24.87	309	309	0.0324
20	15.20	34.616	6.68	20	15.20	34.616	6.68	25.65	235	235	0.0596
30	14.17	34.596	6.53	30	14.17	34.596	6.53	25.85	215	215	0.0822
50	11.79	34.520	6.48	50	11.79	34.520	6.48	26.27	175	176	0.1214
75	9.89	34.411	6.43	75	9.89	34.411	6.43	26.53	151	152	0.1626
98	6.99	34.229	6.33	100	6.84	34.221	6.31	26.84	121	122	0.1970
123	5.22	34.132	6.18	125	5.10	34.130	6.18	26.99	107	108	0.2259
146	3.87	34.112	6.18	150	3.68	34.107	6.18	27.13	094	095	0.2514
194	1.66	34.062	6.18	200	1.57	34.062	6.15	27.27	080	081	0.2956
242	0.98	34.064	5.98	250	0.94	34.066	5.99	27.32	076	076	0.3350
290	0.75	34.077	6.08	300	0.72	34.078	6.09	27.34	074	074	0.3727
388	0.51	34.087	6.19	400	0.49	34.085	6.19	27.36	072	072	0.4460
486	0.40	34.076	6.20								

8月(August)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, AUG.20.1988, 10:00 KST,
 DEPTH 52 , COLOR 4, TRANS. 8.0, WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1005. ,
 AIR TEMP. DRY 29.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.81	31.889	4.33	0	26.81	31.889	4.33	20.46	730	730	0.0000
10	25.09	32.794	4.53	10	25.09	32.794	4.53	21.67	614	614	0.0672
20	24.04	33.199	4.37	20	24.04	33.199	4.37	22.29	555	555	0.1257
30	16.29	34.501	4.21	30	16.29	34.501	4.21	25.31	266	267	0.1669
50	14.76	34.505	4.00	50	14.76	34.505	4.00	25.66	234	235	0.2172

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, AUG.20.1988, 10:45 KST,
 DEPTH 210 , COLOR 3, TRANS. 18.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1005. ,
 AIR TEMP. DRY 29.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	27.49	32.556	4.55	0	27.49	32.556	4.55	20.74	703	703	0.0000
10	26.59	32.755	4.55	10	26.59	32.755	4.55	21.18	661	661	0.0682
20	24.72	33.051	4.58	20	24.72	33.051	4.58	21.97	585	585	0.1306
30	20.01	33.652	4.65	30	20.01	33.652	4.65	23.75	415	416	0.1807
50	13.16	34.513	4.30	50	13.16	34.513	4.30	26.00	201	202	0.2426
75	10.98	34.478	4.37	75	10.98	34.478	4.37	26.39	164	166	0.2887
99	7.77	34.438	5.06	100	7.65	34.431	5.06	26.89	116	117	0.3242
123	5.04	34.293	5.14	125	5.00	34.290	5.13	27.13	094	095	0.3508
147	4.60	34.262	5.07	150	4.55	34.262	5.07	27.16	091	092	0.3744
196	3.93	34.270	5.10								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, AUG.20.1988, 11:35 KST,
 DEPTH 700 , COLOR 3, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1005. ,
 AIR TEMP. DRY 29.5, WET , CLOUD. TYPE CU, AMT 02, WEATHER B

0	27.55	32.549	4.58	0	27.55	32.549	4.58	20.72	705	705	0.0000
10	25.73	32.825	4.67	10	25.73	32.825	4.67	21.50	631	631	0.0668
20	23.87	33.359	4.67	20	23.87	33.359	4.67	22.46	539	539	0.1253
30	21.39	33.534	4.96	30	21.39	33.534	4.96	23.29	459	460	0.1753
50	15.01	34.333	4.50	50	15.01	34.333	4.50	25.47	251	252	0.2466
75	14.52	34.505	4.32	75	14.52	34.505	4.32	25.71	229	230	0.3071
98	6.42	34.344	4.74	100	6.37	34.347	4.76	27.01	105	107	0.3493
123	5.82	34.391	5.06	125	5.53	34.378	5.06	27.14	093	094	0.3746
147	2.45	34.235	5.14	150	2.41	34.234	5.13	27.34	074	074	0.3958
195	1.96	34.223	5.08	200	1.90	34.212	5.08	27.37	071	072	0.4325
244	1.39	34.119	5.15	250	1.33	34.117	5.13	27.33	075	075	0.4694
292	0.94	34.103	5.06	300	0.91	34.105	5.04	27.35	073	073	0.5066
391	0.57	34.139	4.93	400	0.54	34.136	4.94	27.40	068	068	0.5777
490	0.27	34.115	5.09								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, AUG.20.1988, 13:05 KST,
 DEPTH 1390 , COLOR 3, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1004.5,
 AIR TEMP. DRY 29.8, WET , CLOUD. TYPE CU, AMT 02, WEATHER B

0	26.33	33.051	4.67	0	26.33	33.051	4.67	21.48	632	632	0.0000
10	25.36	33.074	4.84	10	25.36	33.074	4.84	21.80	602	602	0.0617
20	24.28	33.070	4.77	20	24.28	33.070	4.77	22.12	571	571	0.1204

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	21.05	33.945	5.06	30	21.05	33.945	5.06	23.69	420	421	0.1701
50	16.00	34.466	4.49	50	16.00	34.466	4.49	25.35	263	264	0.2387
75	14.52	34.505	4.46	75	14.52	34.505	4.46	25.71	229	230	0.3006
98	12.31	34.497	4.43	100	12.01	34.494	4.47	26.21	181	183	0.3524
123	8.63	34.466	4.96	125	8.30	34.449	4.95	26.81	124	126	0.3912
146	4.94	34.274	4.86	150	4.67	34.268	4.87	27.15	092	093	0.4187
195	1.74	34.211	5.09	200	1.66	34.200	5.06	27.37	071	071	0.4599
243	1.00	34.111	4.86	250	0.96	34.111	4.91	27.35	073	073	0.4961
291	0.74	34.115	5.25	300	0.72	34.112	5.21	27.37	071	071	0.5323
390	0.57	34.084	4.90	400	0.55	34.084	4.89	27.35	073	072	0.6045
488	0.45	34.088	4.86								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, AUG.20.1988, 15:10 KST,
 DEPTH 1530 , COLOR 3, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1004.5,
 AIR TEMP. DRY 28.5, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	26.61	33.437	4.38	0	26.61	33.437	4.38	21.68	613	612	0.0000
10	25.36	33.441	4.67	10	25.36	33.441	4.67	22.07	575	575	0.0594
20	21.21	34.239	4.74	20	21.21	34.239	4.74	23.87	403	404	0.1084
30	19.17	34.529	5.05	30	19.17	34.529	5.05	24.63	331	332	0.1452
50	17.10	34.705	4.53	50	17.10	34.705	4.53	25.28	270	271	0.2056
75	15.10	34.615	4.43	75	15.10	34.615	4.43	25.67	233	234	0.2688
99	11.44	34.529	4.61	100	11.38	34.529	4.61	26.35	167	169	0.3194
123	10.10	34.529	4.79	125	9.61	34.507	4.81	26.65	139	142	0.3584
146	4.48	34.278	5.06	150	4.24	34.272	5.06	27.20	087	088	0.3873
195	1.55	34.215	5.06	200	1.49	34.205	5.06	27.39	069	069	0.4269
243	0.99	34.119	5.06	250	0.95	34.126	5.10	27.36	072	072	0.4624
291	0.75	34.168	5.35	300	0.72	34.166	5.31	27.41	067	067	0.4973
390	0.47	34.150	4.98	400	0.46	34.152	4.97	27.41	067	066	0.5646
489	0.40	34.174	4.96								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, AUG.20.1988, 17:10 KST,
 DEPTH 1880 , COLOR 3, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1004. ,
 AIR TEMP. DRY 27.5, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	26.57	33.363	4.48	0	26.57	33.363	4.48	21.64	617	617	0.0000
10	26.01	33.398	4.65	10	26.01	33.398	4.65	21.84	598	598	0.0607
20	22.68	34.101	4.63	20	22.68	34.101	4.63	23.36	452	453	0.1133
30	18.83	34.387	5.09	30	18.83	34.387	5.09	24.61	333	334	0.1527
50	15.69	34.595	4.80	50	15.69	34.595	4.80	25.52	247	248	0.2109
75	14.21	34.682	4.66	75	14.21	34.682	4.66	25.91	209	211	0.2684

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
98	10.76	34.556	4.85	100	10.68	34.565	4.86	26.51	153	155	0.3142
123	9.82	34.670	4.98	125	9.29	34.634	5.00	26.80	125	127	0.3496
146	3.82	34.266	5.30	150	3.65	34.263	5.27	27.25	082	083	0.3760
195	1.76	34.235	4.96	200	1.66	34.224	4.96	27.39	069	069	0.4142
243	0.89	34.135	4.99	250	0.85	34.132	4.98	27.37	071	070	0.4494
292	0.63	34.119	4.96	300	0.61	34.121	4.96	27.38	070	070	0.4847
390	0.44	34.154	5.01	400	0.43	34.153	5.00	27.42	067	066	0.5532
489	0.38	34.146	4.97								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, AUG.20.1988, 19:15 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE S 3, SWELL S 2, WIND S 3 , BARO 1004. ,
 ATR TEMP. DRY 26.5, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	26.52	33.374	4.36	0	26.52	33.374	4.36	21.66	615	614	0.0000
10	26.01	33.468	4.77	10	26.01	33.468	4.77	21.89	593	593	0.0603
20	21.64	34.203	5.03	20	21.64	34.203	5.03	23.73	417	418	0.1109
30	17.10	34.607	5.04	30	17.10	34.607	5.04	25.20	277	277	0.1457
50	15.01	34.670	5.17	50	15.01	34.670	5.17	25.73	227	228	0.1963
75	9.70	34.435	5.02	75	9.70	34.435	5.02	26.58	146	147	0.2433
98	6.18	34.266	5.08	100	6.13	34.266	5.08	26.97	109	110	0.2756
123	5.60	34.278	5.19	125	5.50	34.275	5.18	27.06	100	102	0.3021
147	4.46	34.250	5.15	150	4.28	34.247	5.15	27.18	089	090	0.3263
195	1.60	34.215	5.21	200	1.52	34.205	5.21	27.39	069	069	0.3665
242	0.91	34.127	5.27	250	0.86	34.126	5.28	27.37	071	071	0.4019
290	0.65	34.123	5.35	300	0.62	34.124	5.34	27.38	070	070	0.4373
388	0.36	34.135	5.28	400	0.36	34.134	5.24	27.40	068	067	0.5062
486	0.40	34.127	5.01								

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, AUG.20.1988, 21:15 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE S 3, SWELL S 2, WIND S 3 , BARO 1003.5,
 ATR TEMP. DRY 26.5, WET , CLOUD. TYPE SC, AMT 07, WEATHER BC

0	26.24	33.550	4.76	0	26.24	33.550	4.76	21.88	594	593	0.0000
10	25.43	33.636	4.79	10	25.43	33.636	4.79	22.20	563	563	0.0578
20	21.01	34.356	5.35	20	21.01	34.356	5.35	24.02	390	390	0.1056
30	16.63	34.631	5.03	30	16.63	34.631	5.03	25.33	264	265	0.1384
50	13.54	34.631	4.75	50	13.54	34.631	4.75	26.01	200	201	0.1850
75	9.39	34.505	4.86	75	9.39	34.505	4.86	26.68	136	137	0.2274
98	6.03	34.309	5.02	100	5.91	34.305	5.02	27.03	103	104	0.2577
122	4.63	34.270	5.03	125	4.36	34.265	5.03	27.18	089	090	0.2821

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
145	2.62	34.235	5.03	150	2.47	34.233	5.02	27.34	074	075	0.3027
193	1.19	34.223	4.97	200	1.13	34.209	4.95	27.42	066	066	0.3383
241	0.81	34.127	4.87	250	0.77	34.131	4.93	27.38	070	070	0.3726
290	0.62	34.152	5.22	300	0.60	34.148	5.19	27.40	068	068	0.4073
388	0.47	34.119	4.99	400	0.45	34.119	4.96	27.39	069	069	0.4761
486	0.35	34.123	4.82								

10月(October)

GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, OCT.11.1988, 18:30 KST,
 DEPTH 52 , COLOR , TRANS. , WAVE 0, SWELL SE 1, WIND SE 3 , BARO 1015.5,
 ATR TEMP. DRY 16.8, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	22.23	33.564	5.32	0	22.23	33.564	5.32	23.08	479	479	0.0000
10	22.22	33.552	5.66	10	22.22	33.552	5.66	23.07	480	480	0.0479
20	22.17	33.547	5.53	20	22.17	33.547	5.53	23.08	479	479	0.0959
30	22.10	33.590	5.26	30	22.10	33.590	5.26	23.14	474	474	0.1436
50	13.79	34.411	5.01	50	13.79	34.411	5.01	25.79	221	222	0.2133

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, OCT.11.1988, 19:10 KST,
 DEPTH 210 , COLOR , TRANS. , WAVE 0, SWELL NW 1, WIND NW 3 , BARO 1015. ,
 ATR TEMP. DRY 17.1, WET , CLOUD. TYPE , AMT , WEATHER

0	22.13	33.641	5.38	0	22.13	33.641	5.38	23.17	471	471	0.0000
10	22.07	33.602	5.58	10	22.07	33.602	5.58	23.15	472	472	0.0471
20	21.99	33.595	5.46	20	21.99	33.595	5.46	23.17	470	471	0.0943
30	21.98	33.595	5.30	30	21.98	33.595	5.30	23.17	470	471	0.1414
50	17.58	33.950	5.03	50	17.58	33.950	5.03	24.59	335	337	0.2223
75	10.46	34.386	5.05	75	10.46	34.386	5.05	26.41	162	163	0.2849
99	6.26	34.349	5.26	100	6.14	34.345	5.26	27.03	103	104	0.3185
123	3.43	34.271	5.28	125	3.31	34.269	5.27	27.29	078	079	0.3414
147	1.99	34.258	5.26	150	1.98	34.256	5.24	27.39	069	069	0.3601
196	1.95	34.234	5.04								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, OCT.11.1988, 20:00 KST,
 DEPTH 700 , COLOR , TRANS. , WAVE 0, SWELL NW 1, WIND NW 3 , BARO 1014.5,
 ATR TEMP. DRY 17.2, WET , CLOUD. TYPE , AMT , WEATHER

0	22.10	33.655	5.58	0	22.10	33.655	5.58	23.19	469	469	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	22.05	33.612	5.64	10	22.05	33.612	5.64	23.17	471	471	0.0470
20	21.65	33.650	5.34	20	21.65	33.650	5.34	23.31	457	458	0.0935
30	20.57	33.735	5.29	30	20.57	33.735	5.29	23.66	423	424	0.1376
50	12.66	34.432	5.01	50	12.66	34.432	5.01	26.03	198	199	0.2000
75	7.29	34.372	5.09	75	7.29	34.372	5.09	26.90	116	116	0.2395
99	5.04	34.331	5.30	100	4.98	34.330	5.30	27.16	091	091	0.2656
124	3.76	34.315	5.38	125	3.68	34.312	5.38	27.29	079	079	0.2870
148	1.88	34.253	5.44	150	1.86	34.252	5.43	27.40	068	068	0.3056
198	1.41	34.245	5.39	200	1.39	34.236	5.38	27.42	066	066	0.3395
247	1.09	34.041	5.34	250	1.06	34.044	5.34	27.29	079	079	0.3759
297	0.68	34.091	5.37	300	0.67	34.089	5.36	27.35	073	073	0.4140
396	0.50	34.049	5.21	400	0.49	34.048	5.21	27.33	075	075	0.4880
496	0.38	34.045	5.37								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, OCT.11.1988, 21:30 KST,
 DEPTH 1390 , COLOR , TRANS. , WAVE 0, SWELL NW 1, WIND NW 3 , BARO 1014. ,
 AIR TEMP. DRY 17.3, WET , CLOUD. TYPE , AMT , WEATHER

0	23.17	33.741	5.40	0	23.17	33.741	5.40	22.95	492	491	0.0000
10	23.15	33.854	5.59	10	23.15	33.854	5.59	23.04	483	483	0.0487
20	23.13	33.775	5.39	20	23.13	33.775	5.39	22.98	488	489	0.0974
30	23.15	33.821	5.34	30	23.15	33.821	5.34	23.01	485	486	0.1461
50	16.13	34.241	5.09	50	16.13	34.241	5.09	25.15	282	283	0.2231
75	13.02	34.359	5.09	75	13.02	34.359	5.09	25.91	210	211	0.2851
98	12.69	34.332	5.32	100	12.35	34.341	5.31	26.02	199	201	0.3367
123	8.49	34.449	5.24	125	8.21	34.445	5.25	26.82	123	125	0.3775
148	4.99	34.402	5.42	150	4.90	34.395	5.41	27.22	085	086	0.4040
197	2.84	34.254	5.26	200	2.79	34.248	5.26	27.32	076	077	0.4449
247	2.13	34.154	5.26	250	2.07	34.149	5.25	27.30	077	078	0.4838
296	1.23	34.088	5.10	300	1.21	34.086	5.10	27.31	076	076	0.5227
396	0.75	34.038	5.12	400	0.72	34.039	5.11	27.31	077	077	0.5998
494	0.11	34.077	5.02								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, OCT.11.1988, 23:30 KST,
 DEPTH 1530 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1013.5,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE , AMT , WEATHER

0	22.76	33.652	5.05	0	22.76	33.652	5.05	23.00	487	487	0.0000
10	22.76	33.714	5.26	10	22.76	33.714	5.26	23.04	482	482	0.0485
20	22.76	33.649	5.15	20	22.76	33.649	5.15	23.00	487	488	0.0970
30	22.60	33.824	5.14	30	22.60	33.824	5.14	23.17	470	471	0.1450
50	19.71	34.097	5.00	50	19.71	34.097	5.00	24.16	376	377	0.2298

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	15.42	34.172	4.89	75	15.42	34.172	4.89	25.26	272	273	0.3113
99	13.91	34.293	5.21	100	13.79	34.294	5.20	25.70	229	232	0.3745
123	11.03	34.327	5.18	125	10.85	34.333	5.17	26.30	173	175	0.4255
146	9.00	34.402	5.08	150	8.75	34.394	5.09	26.70	135	137	0.4647
196	5.89	34.308	5.26	200	5.59	34.296	5.24	27.06	100	102	0.5247
245	2.27	34.170	5.07	250	2.15	34.163	5.06	27.31	077	078	0.5699
295	1.14	34.104	5.05	300	1.12	34.101	5.04	27.33	075	075	0.6083
394	0.83	34.046	4.97	400	0.81	34.045	4.96	27.31	077	077	0.6846
492	0.54	34.042	4.86								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, OCT.12.1988, 01:30 KST,
 DEPTH 1880 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1013.5,
 AIR TEMP. DRY 17.3, WET , CLOUD. TYPE , AMT , WEATHER

0	22.30	33.671	5.09	0	22.30	33.671	5.09	23.14	473	473	0.0000
10	22.32	33.667	5.25	10	22.32	33.667	5.25	23.13	474	474	0.0473
20	22.39	33.713	5.37	20	22.39	33.713	5.37	23.15	473	473	0.0947
30	22.62	33.890	5.37	30	22.62	33.890	5.37	23.22	466	467	0.1418
50	15.57	34.406	5.17	50	15.57	34.406	5.17	25.40	258	259	0.2144
75	15.26	34.524	5.16	75	15.26	34.524	5.16	25.56	243	244	0.2774
98	14.42	34.467	5.16	100	14.36	34.468	5.14	25.71	228	231	0.3369
123	13.71	34.487	4.95	125	13.30	34.483	4.93	25.95	206	209	0.3920
147	8.83	34.449	4.74	150	8.47	34.437	4.74	26.78	127	130	0.4344
197	2.87	34.253	4.74	200	2.83	34.245	4.74	27.32	076	077	0.4864
246	2.37	34.138	4.84	250	2.25	34.134	4.83	27.28	080	081	0.5261
296	0.88	34.088	4.79	300	0.86	34.085	4.78	27.34	074	074	0.5650
394	0.53	34.038	4.71	400	0.51	34.038	4.70	27.32	076	075	0.6403
494	0.32	34.038	4.58								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, OCT.12.1988, 03:30 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1013. ,
 ATR TEMP. DRY 17.1, WET , CLOUD. TYPE , AMT , WEATHER

0	22.31	33.811	5.16	0	22.31	33.811	5.16	23.25	463	463	0.0000
10	22.28	33.807	5.25	10	22.28	33.807	5.25	23.25	463	463	0.0463
20	22.27	33.807	5.26	20	22.27	33.807	5.26	23.25	463	463	0.0926
30	22.32	33.807	5.04	30	22.32	33.807	5.04	23.24	464	465	0.1390
50	17.45	34.234	5.02	50	17.45	34.234	5.02	24.83	312	313	0.2169
75	15.45	34.109	4.88	75	15.45	34.109	4.88	25.20	277	279	0.2910

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
99	14.20	34.559	4.79	100	14.19	34.559	4.79	25.82	218	220	0.3535
124	13.98	34.559	4.89	125	13.72	34.554	4.89	25.91	209	212	0.4077
148	7.94	34.442	5.06	150	7.70	34.434	5.06	26.89	117	119	0.4492
198	2.17	34.254	5.26	200	2.12	34.249	5.26	27.38	070	071	0.4968
248	1.11	34.142	5.37	250	1.09	34.139	5.37	27.36	071	072	0.5327
297	0.77	34.092	5.37	300	0.76	34.090	5.36	27.35	073	073	0.5691
396	0.54	34.042	5.26	400	0.53	34.042	5.25	27.32	076	075	0.6437
496	0.36	34.042	5.07								

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, OCT.12.1988, 05:30 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE SW 4, SWELL SW 2, WIND SW 5 , BARO 1012.5,
 ATR TEMP. DRY 17.1, WET , CLOUD. TYPE , AMT , WEATHER

0	22.29	33.851	5.06	0	22.29	33.851	5.06	23.28	460	460	0.0000
10	22.35	33.843	5.14	10	22.35	33.843	5.14	23.26	462	462	0.0461
20	22.34	33.843	4.95	20	22.34	33.843	4.95	23.26	462	462	0.0923
30	22.33	33.843	4.89	30	22.33	33.843	4.89	23.26	462	462	0.1386
50	21.55	33.836	4.82	50	21.55	33.836	4.82	23.47	441	443	0.2292
75	19.12	33.839	4.95	75	19.12	33.839	4.95	24.12	380	382	0.3324
99	18.92	33.953	5.00	100	18.74	33.976	4.99	24.32	361	364	0.4257
124	14.54	34.530	4.84	125	14.37	34.528	4.84	25.76	224	227	0.4997
148	10.60	34.491	4.92	150	10.28	34.482	4.92	26.51	152	155	0.5475
197	2.76	34.277	5.02	200	2.73	34.268	5.03	27.34	074	074	0.6051
247	2.27	34.138	5.26	250	2.17	34.134	5.26	27.28	079	080	0.6440
296	0.68	34.088	5.26	300	0.67	34.086	5.25	27.35	073	073	0.6824
396	0.47	34.038	5.12	400	0.46	34.038	5.11	27.32	076	075	0.7569
494	0.29	34.038	5.06								

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GYUNGBUG 853 , STATION 102-04 , 36-04.6. N, 129-36.9. E, DEC.22.1988, 10:30 KST,
 DEPTH 52 , COLOR 4, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1033. ,
 ATR TEMP. DRY 6.5, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	12.76	34.390	6.07	0	12.76	34.390	6.07	25.98	203	202	0.0000
10	12.76	34.311	5.72	10	12.76	34.311	5.72	25.92	208	208	0.0205
20	12.71	34.262	5.63	20	12.71	34.262	5.63	25.89	211	211	0.0416
30	12.32	34.218	5.98	30	12.32	34.218	5.98	25.94	207	207	0.0625
50	11.92	34.170	6.64	50	11.92	34.170	6.64	25.97	203	204	0.1038

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 102-05 , 36-04.6. N, 129-41.3. E, DEC.22.1988, 11:10 KST,
 DEPTH 210 , COLOR 3, TRANS. 15.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1032. ,
 ATR TEMP. DRY 8.4, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	13.45	33.970	5.73	0	13.45	33.970	5.73	25.52	247	246	0.0000
10	14.37	34.182	5.54	10	14.37	34.182	5.54	25.49	249	249	0.0248
20	14.52	34.257	5.63	20	14.52	34.257	5.63	25.52	247	247	0.0496
30	14.48	34.212	5.42	30	14.48	34.212	5.42	25.49	249	250	0.0745
50	14.41	34.238	4.96	50	14.41	34.238	4.96	25.53	246	247	0.1243
75	14.31	34.202	5.14	75	14.31	34.202	5.14	25.52	247	248	0.1863
98	13.61	34.101	4.89	100	13.58	34.098	4.96	25.59	240	242	0.2477
123	13.25	34.074	5.86	125	13.20	34.073	5.84	25.65	234	237	0.3077
146	12.75	34.064	5.72	150	12.63	34.064	5.73	25.76	224	227	0.3659
196	11.25	34.073	5.91								

GYUNGBUG 853 , STATION 102-06 , 36-04.6. N, 129-47.8. E, DEC.22.1988, 12:00 KST,
 DEPTH 700 , COLOR 3, TRANS. 19.0, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1031. ,
 ATR TEMP. DRY 12.4, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	15.30	34.232	5.57	0	15.30	34.232	5.57	25.33	265	264	0.0000
10	15.22	34.179	5.37	10	15.22	34.179	5.37	25.31	267	267	0.0266
20	15.31	34.177	5.23	20	15.31	34.177	5.23	25.28	269	269	0.0534
30	15.31	34.185	5.67	30	15.31	34.185	5.67	25.29	268	269	0.0804
50	15.30	34.187	5.57	50	15.30	34.187	5.57	25.29	268	269	0.1343
75	14.61	34.181	5.18	75	14.61	34.181	5.18	25.44	254	256	0.2000
99	8.05	34.117	5.73	100	7.89	34.112	5.71	26.61	143	145	0.2502
124	4.29	34.012	5.45	125	4.22	34.012	5.44	26.99	106	107	0.2818
147	2.79	34.019	5.27	150	2.70	34.011	5.30	27.14	093	093	0.3070
196	1.34	33.901	5.78	200	1.29	33.910	5.75	27.17	090	090	0.3531
245	0.84	34.020	5.42	250	0.81	34.018	5.41	27.28	079	079	0.3956
293	0.63	*****	5.36	300	0.61	33.999	5.35	27.28	079	079	0.4354
391	0.38	33.967	5.27	400	0.37	33.966	5.35	27.27	081	080	0.5154
490	0.32	33.956	6.25								

GYUNGBUG 853 , STATION 102-07 , 36-04.6. N, 130-00.0. E, DEC.22.1988, 13:30 KST,
 DEPTH 1390 , COLOR 3, TRANS. 18.0, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1031. ,
 ATR TEMP. DRY 11.5, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	15.43	34.181	5.91	0	15.43	34.181	5.91	25.26	271	271	0.0000
10	15.44	34.205	5.58	10	15.44	34.205	5.58	25.28	270	270	0.0270
20	15.41	34.217	6.11	20	15.41	34.217	6.11	25.29	268	268	0.0540

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	15.46	34.229	5.51	30	15.46	34.229	5.51	25.29	268	269	0.0809
50	15.47	34.288	5.82	50	15.47	34.288	5.82	25.33	264	265	0.1344
75	15.34	34.256	6.17	75	15.34	34.256	6.17	25.34	264	266	0.2009
98	13.59	34.115	4.29	100	13.25	34.116	4.38	25.67	232	234	0.2635
123	9.42	34.131	5.48	125	8.84	34.117	5.44	26.47	157	159	0.3128
145	3.14	33.979	5.14	150	2.95	33.973	5.25	27.09	098	098	0.3450
194	1.37	33.928	6.31	200	1.30	33.925	6.22	27.18	089	089	0.3921
242	0.85	33.908	5.63	250	0.81	33.908	5.64	27.20	087	087	0.4365
291	0.66	33.911	5.73	300	0.64	33.918	5.70	27.21	086	085	0.4798
390	0.45	33.988	5.41	400	0.44	33.985	5.42	27.28	079	079	0.5625
488	0.38	33.962	5.59								

GYUNGBUG 853 , STATION 102-08 , 36-04.6. N, 130-18.4. E, DEC.22.1988, 15:35 KST,
 DEPTH 1530 , COLOR 3, TRANS. 17.0, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1030.5,
 AIR TEMP. DRY 8.4, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	15.40	34.001	5.68	0	15.40	34.001	5.68	25.13	284	283	0.0000
10	15.39	34.239	5.69	10	15.39	34.239	5.69	25.31	266	266	0.0275
20	15.47	34.294	5.71	20	15.47	34.294	5.71	25.34	264	264	0.0540
30	15.49	34.261	5.15	30	15.49	34.261	5.15	25.31	267	267	0.0806
50	15.49	34.268	5.60	50	15.49	34.268	5.60	25.31	266	267	0.1342
75	15.45	34.206	5.30	75	15.45	34.206	5.30	25.28	270	272	0.2017
99	13.90	34.146	5.24	100	13.80	34.144	5.23	25.58	241	243	0.2661
123	11.53	34.119	5.15	125	10.91	34.111	5.16	26.11	190	193	0.3207
146	4.48	34.029	5.32	150	4.22	34.021	5.32	27.00	106	107	0.3582
195	1.35	33.940	5.40	200	1.29	33.940	5.40	27.19	088	088	0.4071
244	0.80	33.945	5.49	250	0.77	33.943	5.49	27.23	084	084	0.4504
292	0.63	33.936	5.49	300	0.61	33.936	5.51	27.23	084	084	0.4927
390	0.39	33.939	5.83	400	0.38	33.943	5.79	27.25	082	082	0.5760
488	0.36	33.983	5.53								

GYUNGBUG 853 , STATION 102-09 , 36-04.6. N, 130-36.9. E, DEC.22.1988, 17:35 KST,
 DEPTH 1880 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1030.5,
 AIR TEMP. DRY 8.2, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	15.25	34.317	6.08	0	15.25	34.317	6.08	25.40	257	257	0.0000
10	15.33	34.313	6.28	10	15.33	34.313	6.28	25.38	259	259	0.0258
20	15.32	34.282	6.65	20	15.32	34.282	6.65	25.36	262	262	0.0519
30	15.31	34.278	5.87	30	15.31	34.278	5.87	25.36	262	262	0.0782
50	15.07	34.256	5.88	50	15.07	34.256	5.88	25.40	258	259	0.1304
75	14.45	34.251	6.06	75	14.45	34.251	6.06	25.53	246	248	0.1939
99	14.30	34.192	5.48	100	14.25	34.191	5.48	25.52	246	249	0.2560
124	13.20	34.173	5.59	125	12.86	34.169	5.58	25.79	221	224	0.3152
147	5.52	34.085	5.44	150	5.37	34.081	5.43	26.92	114	115	0.3576

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
195	3.21	34.034	5.36	200	2.98	34.021	5.38	27.12	094	095	0.4104
243	1.02	33.913	5.60	250	0.97	33.929	5.60	27.20	087	087	0.4562
291	0.74	34.026	5.62	300	0.71	34.027	5.72	27.30	078	078	0.4975
390	0.46	34.045	6.74	400	0.44	34.037	6.65	27.32	075	075	0.5743
487	0.36	33.972	5.91								

GYUNGBUG 853 , STATION 102-10 , 36-04.6. N, 130-55.1. E, DEC.12.1988, 19:40 KST,
 DEPTH 1440 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1030.5,
 ATR TEMP. DRY 8.5, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	14.61	34.197	6.07	0	14.61	34.197	6.07	25.45	253	253	0.0000
10	14.51	34.171	5.91	10	14.51	34.171	5.91	25.45	253	253	0.0253
20	14.51	34.171	5.79	20	14.51	34.171	5.79	25.45	253	253	0.0506
30	14.50	34.136	6.00	30	14.50	34.136	6.00	25.43	255	256	0.0761
50	14.35	34.127	5.79	50	14.35	34.127	5.79	25.45	253	254	0.1272
75	14.27	34.126	5.67	75	14.27	34.126	5.67	25.47	251	253	0.1907
99	14.21	34.102	6.74	100	14.19	34.103	6.73	25.47	252	254	0.2541
124	13.91	34.133	6.67	125	13.82	34.132	6.61	25.57	242	245	0.3166
148	11.89	34.121	5.36	150	11.58	34.116	5.40	26.00	201	204	0.3729
197	4.45	34.012	6.40	200	4.27	34.009	6.35	26.99	107	109	0.4515
246	1.54	33.970	5.63	250	1.48	33.965	5.61	27.20	087	087	0.5008
295	0.87	33.911	5.44	300	0.84	33.910	5.44	27.20	087	087	0.5447
393	0.46	33.906	5.61	400	0.45	33.905	5.59	27.22	086	085	0.6314
491	0.41	33.900	5.43								

GYUNGBUG 853 , STATION 102-11 , 36-04.6. N, 131-13.6. E, DEC.22.1988, 21:40 KST,
 DEPTH 1780 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1030. ,
 ATR TEMP. DRY 9.5, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	15.64	34.161	5.81	0	15.64	34.161	5.81	25.20	277	277	0.0000
10	15.71	34.188	5.42	10	15.71	34.188	5.42	25.20	277	277	0.0277
20	15.67	34.237	5.53	20	15.67	34.237	5.53	25.25	272	272	0.0552
30	15.71	34.198	5.44	30	15.71	34.198	5.44	25.21	276	276	0.0827
50	15.71	*****	5.43	50	15.71	34.224	5.43	25.23	274	275	0.1379
75	15.70	34.258	5.65	75	15.70	34.258	5.65	25.26	271	273	0.2066
99	15.59	34.219	5.33	100	15.58	34.222	5.33	25.26	271	274	0.2751
123	15.52	34.312	5.43	125	15.46	34.304	5.39	25.35	263	266	0.3428
147	14.90	34.223	5.06	150	14.35	34.211	5.09	25.52	247	250	0.4075
196	5.93	34.036	5.61	200	5.58	34.026	5.60	26.85	120	122	0.5009
245	1.73	33.914	5.55	250	1.65	33.912	5.59	27.14	092	093	0.5548
295	0.94	33.899	5.96	300	0.91	33.901	5.93	27.18	088	088	0.6003
393	0.52	33.952	5.46	400	0.51	33.954	5.47	27.25	082	082	0.6859
490	0.43	33.987	5.62								

209 線 海洋觀測 成績 Oceanographic Data. Line 209

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, FEB.12.1988, 11:55 KST,
 DEPTH 64 , COLOR , TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1027. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	13.31	34.083	5.32	0	13.31	34.083	5.32	25.64	236	235	0.0000
10	13.40	34.442	5.18	10	13.40	34.442	5.18	25.89	211	211	0.0223
20	13.26	34.567	5.36	20	13.26	34.567	5.36	26.02	199	199	0.0429
30	13.29	34.570	5.38	30	13.29	34.570	5.38	26.02	199	200	0.0629
50	13.20	34.575	5.22	50	13.20	34.575	5.22	26.04	197	198	0.1028
62	13.20	34.521	5.08								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, FEB.12.1988, 10:10 KST,
 DEPTH 150 , COLOR , TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1027. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	13.60	34.517	5.26	0	13.60	34.517	5.26	25.91	209	209	0.0000
10	13.61	34.479	5.08	10	13.61	34.479	5.08	25.88	212	212	0.0211
20	13.55	34.529	5.18	20	13.55	34.529	5.18	25.93	208	208	0.0421
30	13.61	34.547	5.08	30	13.61	34.547	5.08	25.93	207	208	0.0630
50	13.62	34.557	5.23	50	13.62	34.557	5.23	25.94	207	208	0.1046
75	12.73	34.462	5.10	75	12.73	34.462	5.10	26.04	197	198	0.1555
98	10.76	34.284	5.08	100	10.40	34.278	5.06	26.33	169	171	0.2018
123	6.31	34.213	4.93	125	5.96	34.209	4.94	26.95	111	112	0.2373
147	2.11	34.171	5.16								

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, FEB.12.1988, 09:15 KST,
 DEPTH 250 , COLOR , TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1027. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	11.71	34.410	5.22	0	11.71	34.410	5.22	26.20	182	182	0.0000
10	11.71	34.442	5.18	10	11.71	34.442	5.18	26.22	180	179	0.0181
20	11.67	34.440	5.20	20	11.67	34.440	5.20	26.23	179	179	0.0360
30	11.59	34.439	5.22	30	11.59	34.439	5.22	26.25	178	178	0.0539
50	11.36	34.404	5.26	50	11.36	34.404	5.26	26.26	176	177	0.0896
75	11.31	34.416	5.28	75	11.31	34.416	5.28	26.28	174	176	0.1338
98	11.16	34.356	5.38	100	11.14	34.355	5.39	26.26	176	178	0.1781
123	11.01	34.348	5.60	125	10.96	34.343	5.59	26.29	174	176	0.2226
142	10.58	34.302	5.58	150	9.86	34.299	5.56	26.44	159	162	0.2649
197	5.68	34.287	5.48	200	5.46	34.277	5.46	27.07	100	102	0.3311
245	2.16	34.129	5.18								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, FEB.12.1988, 07:55 KST,
 DEPTH 250 , COLOR , TRANS. 11.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1026. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	11.12	34.347	5.42	0	11.12	34.347	5.42	26.26	176	176	0.0000
10	11.12	34.363	5.46	10	11.12	34.363	5.46	26.27	175	175	0.0175
20	11.09	34.367	5.70	20	11.09	34.367	5.70	26.28	174	174	0.0351
30	11.04	34.272	5.76	30	11.04	34.272	5.76	26.22	180	181	0.0529
50	10.92	34.319	5.78	50	10.92	34.319	5.78	26.27	175	176	0.0886
75	10.34	34.237	5.56	75	10.34	34.237	5.56	26.31	171	172	0.1322
97	10.31	34.216	5.53	100	10.31	34.206	5.52	26.29	173	175	0.1758
123	10.34	34.136	5.48	125	10.04	34.131	5.46	26.28	174	176	0.2198
147	6.84	34.086	5.28	150	6.57	34.086	5.27	26.77	127	129	0.2582
196	2.51	34.094	5.23	200	2.41	34.098	5.24	27.23	084	084	0.3119
245	1.29	34.149	5.36								

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, FEB.12.1988, 04:55 KST,
 DEPTH 200 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1024. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	10.30	34.318	5.58	0	10.30	34.318	5.58	26.38	165	164	0.0000
10	10.03	34.293	5.68	10	10.03	34.293	5.68	26.41	162	162	0.0163
20	9.90	34.342	5.86	20	9.90	34.342	5.86	26.47	156	156	0.0323
30	9.73	34.285	5.77	30	9.73	34.285	5.77	26.45	158	158	0.0480
50	9.50	34.277	5.80	50	9.50	34.277	5.80	26.49	155	155	0.0795
75	9.42	34.280	5.68	75	9.42	34.280	5.68	26.50	153	154	0.1183
97	5.57	34.149	5.42	100	5.25	34.150	5.40	26.99	107	108	0.1513
122	2.92	34.161	5.29	125	2.79	34.156	5.28	27.25	082	083	0.1752
145	1.93	34.128	5.26	150	1.81	34.127	5.24	27.30	077	077	0.1954
195	0.82	34.118	5.08								

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, FEB.12.1988, 03:10 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1024. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	10.92	34.349	5.68	0	10.92	34.349	5.68	26.30	173	172	0.0000
10	10.85	34.365	5.66	10	10.85	34.365	5.66	26.32	170	170	0.0171
20	10.59	34.323	5.58	20	10.59	34.323	5.58	26.34	169	169	0.0341
30	10.43	34.300	5.63	30	10.43	34.300	5.63	26.35	168	168	0.0511
50	10.30	34.311	5.64	50	10.30	34.311	5.64	26.38	165	166	0.0846
75	10.22	34.280	5.73	75	10.22	34.280	5.73	26.37	166	167	0.1263
98	8.84	34.246	5.58	100	8.49	34.237	5.56	26.62	142	144	0.1654
122	4.75	34.149	5.40	125	4.35	34.149	5.38	27.09	097	098	0.1958
145	1.71	34.155	5.28								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, FEB.12.1988, 01:25 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1024. ,
 ATR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	13.47	34.607	5.69	0	13.47	34.607	5.69	26.01	200	200	0.0000
10	13.04	34.576	5.66	10	13.04	34.576	5.66	26.07	194	194	0.0197
20	13.39	34.591	5.45	20	13.39	34.591	5.45	26.01	200	200	0.0395
30	10.86	34.497	5.63	30	10.86	34.497	5.63	26.42	161	161	0.0576
50	10.35	34.450	6.07	50	10.35	34.450	6.07	26.48	156	156	0.0894
75	10.23	34.247	5.84	75	10.23	34.247	5.84	26.34	169	170	0.1303
97	10.08	34.302	5.58	100	10.01	34.300	5.56	26.42	161	163	0.1721
123	9.52	34.285	5.48	125	8.60	34.264	5.45	26.62	142	144	0.2106
138	2.65	34.131	5.28								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, FEB.11.1988, 23:40 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1025. ,
 ATR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	13.82	34.626	5.78	0	13.82	34.626	5.78	25.95	206	205	0.0000
10	13.72	34.552	5.60	10	13.72	34.552	5.60	25.91	209	209	0.0207
20	13.63	34.537	5.68	20	13.63	34.537	5.68	25.92	208	209	0.0417
30	13.73	34.611	5.71	30	13.73	34.611	5.71	25.96	205	206	0.0624
50	13.73	34.616	5.63	50	13.73	34.616	5.63	25.96	205	206	0.1037
75	12.69	34.528	5.53	75	12.69	34.528	5.53	26.10	191	193	0.1536
97	11.57	34.426	5.53	100	11.38	34.411	5.52	26.26	176	178	0.2000
122	10.01	34.308	5.50	125	9.03	34.280	5.46	26.57	147	149	0.2411
138	4.81	34.163	5.29								

4 月 (April)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, APR.16.1988, 09:30 KST,
 DEPTH 64 , COLOR , TRANS. 7.0, WAVE SW 2, SWELL SW 2, WIND SW 3 , BARO 1026. ,
 ATR TEMP. DRY 15.0, WET ; CLOUD. TYPE CS, AMT 02, WEATHER B

0	12.82	34.637	6.76	0	12.82	34.637	6.76	26.16	186	185	0.0000
10	12.33	34.597	6.76	10	12.33	34.597	6.76	26.23	179	179	0.0182
20	11.80	34.554	6.27	20	11.80	34.554	6.27	26.29	173	173	0.0359
30	10.66	34.557	6.26	30	10.66	34.557	6.26	26.51	153	153	0.0523
50	8.12	34.469	5.91	50	8.12	34.469	5.91	26.85	120	120	0.0797
62	5.96	34.394	5.76								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, APR.16.1988, 08:45 KST,
 DEPTH 150 , COLOR , TRANS. 12.0, WAVE SW 2, SWELL SW 2, WIND SW 3 , BARO 1026. ,
 AIR TEMP. DRY 15.5, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	14.00	34.761	6.77	0	14.00	34.761	6.77	26.02	199	199	0.0000
10	13.99	34.777	6.68	10	13.99	34.777	6.68	26.03	198	198	0.0199
20	13.93	34.778	6.36	20	13.93	34.778	6.36	26.04	197	197	0.0397
30	13.99	34.798	6.20	30	13.99	34.798	6.20	26.05	196	197	0.0594
50	13.68	34.875	6.11	50	13.68	34.875	6.11	26.17	185	186	0.0978
73	13.42	34.843	5.96	75	13.20	34.806	5.95	26.21	181	182	0.1439
98	10.77	34.383	5.88	100	10.68	34.371	5.85	26.36	167	169	0.1879
122	9.74	34.248	5.57	125	9.59	34.240	5.55	26.44	159	161	0.2293
146	8.58	34.185	5.45								

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, APR.16.1988, 07:25 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1023. ,
 AIR TEMP. DRY 15.3, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	14.53	34.828	6.48	0	14.53	34.828	6.48	25.95	205	205	0.0000
10	14.52	34.819	6.51	10	14.52	34.819	6.51	25.95	206	206	0.0205
20	14.44	34.840	6.46	20	14.44	34.840	6.46	25.98	202	203	0.0410
30	14.52	34.831	6.44	30	14.52	34.831	6.44	25.96	205	205	0.0614
50	14.21	34.812	6.36	50	14.21	34.812	6.36	26.01	200	201	0.1022
75	14.12	34.811	6.26	75	14.12	34.811	6.26	26.03	198	200	0.1524
98	14.61	34.830	6.18	100	14.59	34.818	6.17	25.93	207	210	0.2037
123	14.38	34.683	6.08	125	14.29	34.686	6.14	25.90	211	214	0.2568
146	13.42	34.723	6.87	150	13.04	34.681	6.77	26.15	187	190	0.3074
195	8.86	34.214	5.68	200	8.82	34.212	5.68	26.54	149	153	0.3933
245	8.49	34.195	5.68								

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, APR.16.1988, 06:05 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1023. ,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	13.79	34.828	6.58	0	13.79	34.828	6.58	26.11	190	190	0.0000
10	13.86	34.826	6.74	10	13.86	34.826	6.74	26.10	192	192	0.0191
20	13.86	34.810	6.66	20	13.86	34.810	6.66	26.08	193	193	0.0384
30	13.82	34.826	6.54	30	13.82	34.826	6.54	26.10	191	192	0.0577
50	13.82	34.826	6.56	50	13.82	34.826	6.56	26.10	191	192	0.0961
75	13.82	34.823	6.32	75	13.82	34.823	6.32	26.10	191	193	0.1444
98	13.82	34.817	6.34	100	13.82	34.816	6.32	26.10	192	194	0.1929
123	13.82	34.808	6.19	125	13.81	34.808	6.18	26.09	192	195	0.2417
146	13.77	34.815	6.08	150	13.75	34.814	6.05	26.11	191	194	0.2905
195	13.61	34.811	5.80	200	13.55	34.807	5.79	26.14	187	192	0.3874
244	13.09	34.781	5.77								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, APR.16.1988, 04:15 KST,
 DEPTH 200 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1025. ,
 ATR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT , WEATHER

0	13.89	34.849	6.44	0	13.89	34.849	6.44	26.11	191	190	0.0000
10	13.86	34.844	6.76	10	13.86	34.844	6.76	26.11	191	190	0.0190
20	13.86	34.801	6.68	20	13.86	34.801	6.68	26.08	194	194	0.0383
30	13.74	34.819	6.64	30	13.74	34.819	6.64	26.12	190	190	0.0576
50	13.82	34.802	6.57	50	13.82	34.802	6.57	26.09	193	194	0.0961
75	13.51	34.793	6.44	75	13.51	34.793	6.44	26.14	187	189	0.1441
98	12.17	34.691	6.21	100	12.14	34.678	6.20	26.32	170	172	0.1894
122	11.89	34.535	6.16	125	11.65	34.533	6.12	26.31	172	174	0.2328
146	9.99	34.522	5.84	150	9.80	34.507	5.83	26.61	143	145	0.2729
195	7.78	34.339	5.76								

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, APR.16.1988, 02:30 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1025. ,
 ATR TEMP. DRY 14.0, WET , CLOUD. TYPE , AMT , WEATHER

0	13.92	34.842	6.46	0	13.92	34.842	6.46	26.10	192	192	0.0000
10	13.83	34.855	6.56	10	13.83	34.855	6.56	26.12	189	189	0.0190
20	13.88	34.854	6.51	20	13.88	34.854	6.51	26.11	190	190	0.0381
30	13.75	34.846	6.46	30	13.75	34.846	6.46	26.13	188	189	0.0571
50	13.87	34.853	6.40	50	13.87	34.853	6.40	26.11	190	191	0.0951
75	13.51	34.784	6.31	75	13.51	34.784	6.31	26.14	188	190	0.1429
98	12.60	34.748	6.01	100	12.57	34.754	6.01	26.30	172	175	0.1885
122	12.33	34.828	6.10	125	12.25	34.822	6.09	26.42	161	164	0.2310
147	11.70	34.781	6.06								

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, APR.16.1988, 00:45 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1025. ,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE , AMT , WEATHER

0	12.70	34.918	6.46	0	12.70	34.918	6.46	26.40	163	162	0.0000
10	12.70	34.897	6.61	10	12.70	34.897	6.61	26.39	164	164	0.0163
20	12.69	34.859	6.76	20	12.69	34.859	6.76	26.36	167	167	0.0329
30	12.65	34.811	6.66	30	12.65	34.811	6.66	26.33	170	170	0.0498
50	12.30	34.748	6.51	50	12.30	34.748	6.51	26.35	168	169	0.0838
75	11.68	34.703	6.46	75	11.68	34.703	6.46	26.43	160	161	0.1252
98	10.49	34.587	6.30	100	10.28	34.572	6.29	26.58	146	147	0.1639
122	8.07	34.410	6.21	125	7.67	34.401	6.20	26.87	119	120	0.1975
138	5.97	34.364	6.16								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, APR.15.1988, 23:00 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 7 , BARO 1024. ,
 AIR TEMP. DRY 14.7, WET , CLOUD. TYPE , AMT , WEATHER

0	14.29	34.895	6.51	0	14.29	34.895	6.51	26.06	195	195	0.0000
10	14.32	34.877	6.61	10	14.32	34.877	6.61	26.04	197	197	0.0196
20	14.30	34.948	6.46	20	14.30	34.948	6.46	26.10	192	192	0.0391
30	14.23	34.892	6.44	30	14.23	34.892	6.44	26.07	194	195	0.0585
50	14.39	34.889	6.46	50	14.39	34.889	6.46	26.03	198	199	0.0980
75	14.23	34.912	6.46	75	14.23	34.912	6.46	26.08	193	195	0.1474
98	14.16	34.911	6.31	100	14.14	34.902	6.30	26.10	192	194	0.1961
123	13.91	34.803	6.26	125	13.51	34.803	6.24	26.15	187	190	0.2442
138	10.98	34.807	6.11								

6 月(June)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, JUN.11.1988, 08:55 KST,
 DEPTH 64 , COLOR , TRANS. 11.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1009. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	16.85	33.910	6.13	0	16.85	33.910	6.13	24.73	322	322	0.0000
10	14.77	33.968	6.03	10	14.77	33.968	6.03	25.24	273	273	0.0297
20	13.74	34.196	5.68	20	13.74	34.196	5.68	25.63	236	236	0.0552
30	12.02	34.316	5.63	30	12.02	34.316	5.63	26.07	194	195	0.0768
50	6.91	34.257	5.73	50	6.91	34.257	5.73	26.86	119	120	0.1083
62	5.05	34.211	5.73								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, JUN.11.1988, 08:05 KST,
 DEPTH 150 , COLOR , TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1009. ,
 AIR TEMP. DRY 19.1, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	17.59	33.879	6.35	0	17.59	33.879	6.35	24.53	341	341	0.0000
10	17.05	33.892	6.19	10	17.05	33.892	6.19	24.67	328	328	0.0334
20	15.79	33.864	6.03	20	15.79	33.864	6.03	24.94	302	302	0.0650
30	14.57	34.316	5.88	30	14.57	34.316	5.88	25.55	243	244	0.0923
50	14.09	34.550	6.18	50	14.09	34.550	6.18	25.83	217	218	0.1386
75	9.55	34.405	5.98	75	9.55	34.405	5.98	26.58	146	147	0.1843
98	5.04	34.199	6.08	100	4.78	34.191	6.06	27.08	099	100	0.2153
123	1.81	34.106	5.88	125	1.80	34.104	5.86	27.29	079	079	0.2377
145	1.71	34.092	5.68								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, JUN.11.1988, 06:25 KST,
 DEPTH 250 , COLOR , TRANS. 15.0, WAVE NE 5, SWELL NE 2, WIND NE 6 , BARO 1009. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	19.14	34.111	6.05	0	19.14	34.111	6.05	24.32	361	360	0.0000
10	18.60	34.155	6.18	10	18.60	34.155	6.18	24.49	344	344	0.0352
20	15.43	34.160	5.98	20	15.43	34.160	5.98	25.24	273	273	0.0662
30	15.18	34.568	5.98	30	15.18	34.568	5.98	25.61	238	238	0.0918
50	14.55	34.604	5.93	50	14.55	34.604	5.93	25.78	222	223	0.1380
75	13.36	34.612	5.66	75	13.36	34.612	5.66	26.03	198	199	0.1909
99	11.04	34.463	5.84	100	10.88	34.455	5.84	26.39	164	166	0.2367
123	7.21	34.285	6.03	125	6.96	34.273	6.03	26.87	119	120	0.2726
144	4.65	34.165	6.06	150	4.19	34.155	5.99	27.11	095	096	0.2998
192	0.97	34.086	5.50	200	0.89	34.085	5.50	27.33	074	074	0.3427
240	0.49	34.084	5.53								

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, JUN.11.1988, 05:00 KST,
 DEPTH 250 , COLOR , TRANS. , WAVE NE 4, SWELL NE 1, WIND NE 4 , BARO 1009. ,
 AIR TEMP. DRY 18.1, WET , CLOUD. TYPE , AMT , WEATHER

0	19.12	34.281	5.73	0	19.12	34.281	5.73	24.46	348	347	0.0000
10	18.31	34.215	6.10	10	18.31	34.215	6.10	24.61	333	333	0.0340
20	17.79	34.181	6.06	20	17.79	34.181	6.06	24.71	323	324	0.0669
30	17.52	34.236	5.80	30	17.52	34.236	5.80	24.82	313	314	0.0989
50	16.52	34.467	5.76	50	16.52	34.467	5.76	25.23	274	275	0.1579
75	13.69	34.532	5.92	75	13.69	34.532	5.92	25.90	210	212	0.2188
98	13.37	34.541	5.98	100	13.06	34.525	5.97	26.03	198	201	0.2705
123	9.54	34.345	5.93	125	9.44	34.339	5.93	26.54	149	151	0.3146
145	8.48	34.280	5.98	150	8.23	34.269	5.96	26.68	136	139	0.3510
194	6.04	34.174	5.82	200	5.52	34.165	5.80	26.97	109	111	0.4137
242	1.91	34.105	5.68								

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, JUN.11.1988, 03:10 KST,
 DEPTH 200 , COLOR , TRANS. , WAVE NE 5, SWELL NE 2, WIND NE 6 , BARO 1009. ,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE , AMT , WEATHER

0	18.73	34.483	5.84	0	18.73	34.483	5.84	24.71	324	323	0.0000
10	18.10	34.483	6.03	10	18.10	34.483	6.03	24.87	309	309	0.0316
20	17.90	34.646	6.08	20	17.90	34.646	6.08	25.04	292	293	0.0617
30	14.89	34.592	6.08	30	14.89	34.592	6.08	25.70	230	230	0.0879
50	14.48	34.598	5.98	50	14.48	34.598	5.98	25.79	221	222	0.1333
75	12.76	34.549	6.06	75	12.76	34.549	6.06	26.11	191	192	0.1852

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
99	10.42	34.413	6.32	100	10.40	34.409	6.31	26.44	160	161	0.2296
123	10.10	34.319	6.16	125	9.88	34.303	6.15	26.44	159	161	0.2700
146	7.68	34.140	6.07	150	7.32	34.137	6.03	26.71	133	136	0.3072
195	3.34	34.107	5.68								

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, JUN.11.1988, 01:20 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE NE 5, SWELL NE 2, WIND NE 6 , BARO 1009. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	18.91	34.362	5.88	0	18.91	34.362	5.88	24.57	337	337	0.0000
10	18.10	34.441	5.88	10	18.10	34.441	5.88	24.83	312	312	0.0324
20	16.79	34.487	5.98	20	16.79	34.487	5.98	25.18	278	279	0.0620
30	15.52	34.532	5.84	30	15.52	34.532	5.84	25.51	247	248	0.0884
50	12.95	34.543	6.03	50	12.95	34.543	6.03	26.06	195	196	0.1329
75	11.69	34.498	6.08	75	11.69	34.498	6.08	26.27	175	177	0.1796
98	9.81	34.393	6.10	100	9.68	34.383	6.09	26.54	150	152	0.2207
123	8.28	34.274	6.03	125	8.09	*****	6.01	*****	***	***	*****
145	6.21	*****	5.88								

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, JUN.10.1988, 23:30 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1008.5,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	18.64	34.435	5.53	0	18.64	34.435	5.53	24.70	325	325	0.0000
10	18.61	34.434	5.86	10	18.61	34.434	5.86	24.70	324	324	0.0325
20	18.13	34.426	6.00	20	18.13	34.426	6.00	24.82	314	314	0.0644
30	17.02	34.479	6.06	30	17.02	34.479	6.06	25.12	284	285	0.0944
50	16.16	34.496	6.16	50	16.16	34.496	6.16	25.34	264	265	0.1495
75	14.87	34.595	6.08	75	14.87	34.595	6.08	25.70	229	231	0.2116
99	13.20	34.554	5.89	100	13.05	34.548	5.89	26.05	197	199	0.2655
123	9.75	34.424	5.93	125	8.86	34.387	5.91	26.68	137	139	0.3078
137	3.54	34.171	5.83								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, JUN.10.1988, 21:40 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1008.5,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	20.36	34.586	5.53	0	20.36	34.586	5.53	24.37	356	356	0.0000
10	20.30	34.588	5.61	10	20.30	34.588	5.61	24.38	355	355	0.0355
20	20.20	34.579	5.88	20	20.20	34.579	5.88	24.40	353	353	0.0710

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	19.43	34.588	5.98	30	19.43	34.588	5.98	24.61	333	334	0.1054
50	18.29	34.590	5.89	50	18.29	34.590	5.89	24.90	305	307	0.1695
75	16.33	34.621	5.85	75	16.33	34.621	5.85	25.39	258	260	0.2405
98	16.05	34.657	5.78	100	15.96	34.654	5.78	25.50	248	251	0.3045
123	14.98	34.630	5.83								

8 月(August)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, AUG.10.1988, 10:50 KST,
 DEPTH 64 , COLOR 5, TRANS. 7.0, WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1012.5,
 AIR TEMP. DRY 29.0, WET , CLOUD. TYPE CI, AMT 10, WEATHER C

0	24.40	33.031	4.52	0	24.40	33.031	4.52	22.05	577	577	0.0000
10	17.78	33.925	5.06	10	17.78	33.925	5.06	24.52	342	342	0.0459
20	14.98	34.407	4.31	20	14.98	34.407	4.31	25.53	245	246	0.0754
30	13.71	34.478	4.08	30	13.71	34.478	4.08	25.86	214	215	0.0984
50	12.39	34.505	3.79	50	12.39	34.505	3.79	26.14	187	188	0.1388
62	7.28	34.376	4.07								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, AUG.10.1988, 10:00 KST,
 DEPTH 150 , COLOR 4, TRANS. 13.0, WAVE NW 3, SWELL NW 2, WIND NW 3 , BARO 1012.5,
 AIR TEMP. DRY 29.5, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	26.28	33.023	4.59	0	26.28	33.023	4.59	21.47	633	632	0.0000
10	22.60	33.195	5.12	10	22.60	33.195	5.12	22.70	516	516	0.0574
20	15.45	34.391	4.70	20	15.45	34.391	4.70	25.42	256	257	0.0961
30	15.39	34.482	4.36	30	15.39	34.482	4.36	25.50	248	249	0.1214
50	15.21	34.584	4.19	50	15.21	34.584	4.19	25.62	237	238	0.1702
75	15.09	34.489	4.21	75	15.09	34.489	4.21	25.57	242	243	0.2305
98	9.64	34.348	4.63	100	9.28	34.342	4.66	26.57	146	148	0.2796
123	5.18	34.282	5.05	125	4.84	34.280	5.06	27.14	093	094	0.3100
146	1.36	34.270	5.24								

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, AUG.10.1988, 08:35 KST,
 DEPTH 250 , COLOR 3, TRANS. 14.0, WAVE NW 3, SWELL NW 2, WIND NE 3 , BARO 1012. ,
 AIR TEMP. DRY 28.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.89	33.343	4.72	0	25.89	33.343	4.72	21.84	598	598	0.0000
10	23.48	33.000	4.81	10	23.48	33.000	4.81	22.30	554	554	0.0576
20	23.01	32.992	4.95	20	23.01	32.992	4.95	22.43	541	542	0.1124

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	18.88	33.796	4.66	30	18.88	33.796	4.66	24.15	377	378	0.1584
50	14.87	34.509	4.37	50	14.87	34.509	4.37	25.64	236	237	0.2200
75	14.81	34.568	4.19	75	14.81	34.568	4.19	25.69	230	232	0.2786
99	14.60	34.537	4.26	100	14.45	34.536	4.28	25.75	225	227	0.3362
123	11.22	34.533	4.85	125	10.64	34.515	4.86	26.48	156	158	0.3845
146	4.55	34.333	5.02	150	4.28	34.321	5.02	27.23	084	085	0.4150
195	1.34	34.192	5.05	200	1.25	34.186	5.05	27.39	069	069	0.4538
244	0.55	34.135	5.09								

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, AUG.10.1988, 07:10 KST,
 DEPTH 280 , COLOR 3, TRANS. 17.0, WAVE NW 3, SWELL NW 2, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 26.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	26.69	33.039	4.85	0	26.69	33.039	4.85	21.36	644	644	0.0000
10	24.96	32.946	4.95	10	24.96	32.946	4.95	21.82	600	600	0.0622
20	23.35	32.981	5.05	20	23.35	32.981	5.05	22.32	552	552	0.1198
30	21.52	33.390	4.88	30	21.52	33.390	4.88	23.15	473	474	0.1711
50	16.97	34.529	4.43	50	16.97	34.529	4.43	25.17	279	281	0.2466
75	16.53	34.544	4.35	75	16.53	34.544	4.35	25.29	269	270	0.3156
99	15.49	34.474	4.20	100	15.33	34.476	4.23	25.51	248	250	0.3808
124	11.54	34.540	4.96	125	11.46	34.537	4.96	26.34	168	171	0.4335
147	9.81	34.486	5.16	150	9.80	34.475	5.14	26.59	145	148	0.4734
196	9.68	34.319	4.92	200	8.94	34.301	4.89	26.60	144	148	0.5475
245	0.69	34.105	4.67								

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, AUG.10.1988, 05:15 KST,
 DEPTH 200 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1012. ,
 ATR TEMP. DRY 24.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.95	33.039	4.75	0	25.95	33.039	4.75	21.59	622	621	0.0000
10	23.97	33.031	4.91	10	23.97	33.031	4.91	22.18	565	565	0.0593
20	21.46	34.714	5.24	20	21.46	34.714	5.24	24.17	375	376	0.1064
30	19.86	34.141	4.85	30	19.86	34.141	4.85	24.16	376	377	0.1441
50	17.95	34.160	4.56	50	17.95	34.160	4.56	24.66	329	330	0.2149
75	15.48	34.270	4.18	75	15.48	34.270	4.18	25.32	266	268	0.2897
98	14.80	34.572	4.28	100	14.76	34.570	4.31	25.71	229	231	0.3522
123	14.32	34.556	4.75	125	14.11	34.551	4.77	25.83	217	220	0.4087
147	11.88	34.497	5.00	150	11.33	34.479	4.99	26.32	170	173	0.4580
196	3.05	34.215	4.97								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, AUG.10.1988, 03:20 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1012. ,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	26.13	33.101	4.75	0	26.13	33.101	4.75	21.58	623	622	0.0000
10	25.92	33.031	4.76	10	25.92	33.031	4.76	21.59	621	621	0.0622
20	23.49	33.456	4.80	20	23.49	33.456	4.80	22.64	521	521	0.1194
30	17.94	34.356	4.71	30	17.94	34.356	4.71	24.81	314	315	0.1613
50	16.90	34.529	4.64	50	16.90	34.529	4.64	25.19	278	279	0.2207
75	16.41	34.588	4.47	75	16.41	34.588	4.47	25.35	263	265	0.2888
98	16.37	34.623	4.23	100	16.21	34.621	4.26	25.42	256	258	0.3543
123	14.39	34.607	4.71	125	14.04	34.598	4.70	25.88	212	215	0.4137
146	10.44	34.513	4.66								

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, AUG.10.1988, 01:25 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1012. ,
 AIR TEMP. DRY 25.9, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	25.43	33.035	4.84	0	25.43	33.035	4.84	21.75	607	606	0.0000
10	24.28	33.207	4.84	10	24.28	33.207	4.84	22.22	561	561	0.0584
20	20.05	34.215	4.91	20	20.05	34.215	4.91	24.17	375	376	0.1053
30	18.69	34.137	5.05	30	18.69	34.137	5.05	24.46	348	348	0.1416
50	17.19	34.458	4.47	50	17.19	34.458	4.47	25.07	290	291	0.2056
75	16.81	34.548	4.57	75	16.81	34.548	4.57	25.23	274	276	0.2766
98	16.52	34.537	4.44	100	16.44	34.541	4.47	25.31	267	269	0.3450
122	15.65	34.595	4.81	125	14.56	34.594	4.69	25.77	223	226	0.4070
136	10.58	34.591	4.25								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, AUG. 9.1988, 23:30 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1012. ,
 ATR TEMP. DRY 26.2, WET , CLOUD. TYPE CU, AMT 05, WEATHER BC

0	25.86	33.691	4.73	0	25.86	33.691	4.73	22.11	572	572	0.0000
10	24.95	33.605	4.65	10	24.95	33.605	4.65	22.32	552	552	0.0562
20	24.10	33.702	5.04	20	24.10	33.702	5.04	22.65	520	521	0.1099
30	22.10	33.996	4.63	30	22.10	33.996	4.63	23.44	444	445	0.1582
50	18.93	34.211	4.45	50	18.93	34.211	4.45	24.45	348	350	0.2377
75	17.32	34.333	4.25	75	17.32	34.333	4.25	24.94	302	304	0.3195
98	17.03	34.509	4.67	100	16.97	34.515	4.69	25.16	281	283	0.3930
123	16.33	34.591	4.96	125	16.20	34.587	4.81	25.40	258	262	0.4612
137	15.44	34.564	3.95								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, OCT.11.1988, 16:35 KST,
 DEPTH 64 , COLOR 3, TRANS. 17.0, WAVE 0, SWELL SW 1, WIND SW 3 , BARO 1015.5,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	22.25	33.652	5.26	0	22.25	33.652	5.26	23.14	473	473	0.0000
10	22.23	33.626	5.07	10	22.23	33.626	5.07	23.13	475	475	0.0474
20	21.98	33.610	5.10	20	21.98	33.610	5.10	23.19	469	469	0.0946
30	21.25	33.597	5.23	30	21.25	33.597	5.23	23.38	451	451	0.1407
50	18.78	33.599	4.74	50	18.78	33.599	4.74	24.02	389	390	0.2250
62	11.18	34.365	4.64								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, OCT.11.1988, 15:45 KST,
 DEPTH 150 , COLOR 3, TRANS. 17.0, WAVE 0, SWELL SW 1, WIND SW 3 , BARO 1015.5,
 AIR TEMP. DRY 18.0, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	23.69	34.021	5.26	0	23.69	34.021	5.26	23.01	486	486	0.0000
10	23.73	34.031	5.27	10	23.73	34.031	5.27	23.00	486	486	0.0486
20	23.73	34.035	5.05	20	23.73	34.035	5.05	23.01	486	486	0.0973
30	23.62	34.065	5.17	30	23.62	34.065	5.17	23.06	481	481	0.1457
50	20.60	34.098	5.01	50	20.60	34.098	5.01	23.93	398	399	0.2339
75	15.26	34.338	5.01	75	15.26	34.338	5.01	25.42	256	258	0.3161
99	15.28	34.496	4.97	100	15.18	34.495	4.97	25.56	243	246	0.3792
123	13.04	34.479	5.01	125	12.47	34.465	4.98	26.10	192	194	0.4344
147	6.26	34.321	4.75								

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, OCT.11.1988, 14:20 KST,
 DEPTH 250 , COLOR 3, TRANS. 16.0, WAVE 0, SWELL SW 1, WIND SW 3 , BARO 1016. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	22.84	33.953	5.26	0	22.84	33.953	5.26	23.20	467	467	0.0000
10	22.82	33.944	5.39	10	22.82	33.944	5.39	23.20	467	468	0.0467
20	22.41	33.928	5.16	20	22.41	33.928	5.16	23.31	458	458	0.0930
30	22.23	33.991	5.04	30	22.23	33.991	5.04	23.40	448	449	0.1384
50	15.95	34.324	4.87	50	15.95	34.324	4.87	25.25	272	273	0.2107
75	15.06	34.468	4.92	75	15.06	34.468	4.92	25.56	242	244	0.2755
99	14.65	34.509	4.95	100	14.45	34.504	4.95	25.72	227	230	0.3349

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
124	9.78	34.385	5.03	125	9.58	34.380	5.01	26.55	148	151	0.3826
147	5.37	34.271	4.79	150	5.21	34.267	4.80	27.09	098	099	0.4139
197	2.76	34.206	5.07	200	2.66	34.205	5.06	27.30	078	079	0.4586
246	1.15	34.190	5.06								

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, OCT.11.1988, 12:55 KST,
 DEPTH 250 , COLOR 3, TRANS. 15.0, WAVE 0, SWELL SW 1, WIND SW 3 , BARO 1016. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	23.00	33.950	5.26	0	23.00	33.950	5.26	23.15	472	472	0.0000
10	22.89	33.967	5.37	10	22.89	33.967	5.37	23.20	468	468	0.0470
20	22.89	33.942	5.00	20	22.89	33.942	5.00	23.18	470	470	0.0939
30	22.84	33.939	5.05	30	22.84	33.939	5.05	23.19	468	469	0.1409
50	14.32	34.490	5.00	50	14.32	34.490	5.00	25.74	226	227	0.2106
75	3.55	34.265	5.08	75	3.55	34.265	5.08	27.26	081	081	0.2492
99	2.24	34.203	5.07	100	2.22	34.202	5.07	27.33	075	075	0.2688
123	1.94	34.185	5.15	125	1.87	34.185	5.15	27.35	073	073	0.2875
147	1.20	34.186	5.18	150	1.19	34.186	5.17	27.40	069	068	0.3053
196	1.18	34.202	5.16	200	1.15	34.200	5.15	27.41	067	067	0.3395
246	0.82	34.182	5.08								

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, OCT.11.1988, 11:00 KST,
 DEPTH 200 , COLOR 3, TRANS. 19.0, WAVE 0, SWELL SW 1, WIND SW 2 , BARO 1017. ,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE NS, AMT 09, WEATHER C

0	23.30	34.069	4.95	0	23.30	34.069	4.95	23.16	472	471	0.0000
10	23.21	34.077	5.26	10	23.21	34.077	5.26	23.19	469	469	0.0470
20	23.21	34.071	5.26	20	23.21	34.071	5.26	23.19	469	469	0.0939
30	23.21	34.084	5.04	30	23.21	34.084	5.04	23.20	468	469	0.1409
50	22.95	34.021	5.10	50	22.95	34.021	5.10	23.22	465	467	0.2345
75	17.59	34.292	4.89	75	17.59	34.292	4.89	24.84	311	313	0.3321
99	15.09	34.463	4.89	100	15.08	34.464	4.89	25.56	243	246	0.4020
124	14.91	34.503	4.95	125	14.84	34.501	4.95	25.64	236	239	0.4627
148	13.36	34.473	5.06	150	12.88	34.461	5.05	26.01	200	203	0.5181
196	1.85	34.208	4.97								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, OCT.11.1988, 09:05 KST,
 DEPTH 150 , COLOR 3, TRANS. 17.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1019. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	23.25	34.082	4.84	0	23.25	34.082	4.84	23.18	469	469	0.0000
10	23.24	34.082	5.24	10	23.24	34.082	5.24	23.19	469	469	0.0469
20	23.24	34.081	4.95	20	23.24	34.081	4.95	23.18	469	469	0.0939
30	23.30	34.037	4.95	30	23.30	34.037	4.95	23.13	474	475	0.1411
50	22.52	34.425	4.84	50	22.52	34.425	4.84	23.65	425	426	0.2313
75	16.09	*****	4.84	75	16.09	34.447	4.84	25.32	266	268	0.3181
98	15.36	34.468	4.89	100	15.31	34.470	4.85	25.51	248	250	0.3830
123	14.82	34.503	4.45	125	14.54	34.498	4.44	25.70	230	233	0.4435
147	11.54	34.446	4.41								

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, OCT.11.1988, 07:15 KST,
 DEPTH 140 , COLOR 3, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1021. ,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	23.15	34.049	5.05	0	23.15	34.049	5.05	23.19	469	469	0.0000
10	23.10	34.046	5.38	10	23.10	34.046	5.38	23.20	468	468	0.0468
20	23.14	34.047	5.05	20	23.14	34.047	5.05	23.19	469	469	0.0937
30	23.14	34.056	5.04	30	23.14	34.056	5.04	23.19	468	469	0.1407
50	23.13	34.047	5.05	50	23.13	34.047	5.05	23.19	469	470	0.2346
75	22.18	34.057	4.84	75	22.18	34.057	4.84	23.47	442	444	0.3490
99	18.14	34.244	4.84	100	18.07	34.251	4.81	24.70	325	328	0.4456
124	16.42	34.432	4.29	125	16.25	34.433	4.27	25.27	271	274	0.5209
138	14.10	34.454	4.04								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, OCT.11.1988, 05:25 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1022. ,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE NS, AMT 07, WEATHER BC

0	22.73	33.903	5.26	0	22.73	33.903	5.26	23.20	468	468	0.0000
10	22.71	33.892	5.59	10	22.71	33.892	5.59	23.19	468	468	0.0468
20	22.70	33.888	5.33	20	22.70	33.888	5.33	23.19	468	469	0.0937
30	22.72	33.904	5.19	30	22.72	33.904	5.19	23.20	468	468	0.1406
50	22.58	33.945	5.05	50	22.58	33.945	5.05	23.27	461	462	0.2337
75	21.45	34.232	4.85	75	21.45	34.232	4.85	23.80	410	412	0.3432
99	17.81	34.331	4.68	100	17.74	34.333	4.65	24.84	311	314	0.4341
124	16.25	34.385	3.95	125	15.85	34.393	3.92	25.33	265	268	0.5070
136	11.53	34.489	3.68								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

GYUNGBUG 853 , STATION 209-04 , 35-47.3. N, 129-32.8. E, DEC.13.1988, 10:30 KST,
 DEPTH 64 , COLOR 4, TRANS. 11.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1023. ,
 AIR TEMP. DRY 14.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.47	34.052	6.21	0	15.47	34.052	6.21	25.15	281	281	0.0000
10	15.51	34.313	5.91	10	15.51	34.313	5.91	25.34	263	263	0.0272
20	15.50	34.356	5.82	20	15.50	34.356	5.82	25.38	260	260	0.0534
30	15.10	34.265	5.45	30	15.10	34.265	5.45	25.40	258	259	0.0794
50	12.96	34.245	5.46	50	12.96	34.245	5.46	25.83	217	218	0.1272
62	9.23	34.202	4.88								

GYUNGBUG 853 , STATION 209-05 , 35-45.4. N, 129-38.4. E, DEC.13.1988, 09:40 KST,
 DEPTH 150 , COLOR 4, TRANS. 12.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1023.5,
 AIR TEMP. DRY 12.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.41	34.535	5.49	0	15.41	34.535	5.49	25.54	245	245	0.0000
10	15.47	34.372	5.41	10	15.47	34.372	5.41	25.40	258	258	0.0251
20	15.39	34.332	5.42	20	15.39	34.332	5.42	25.39	259	260	0.0511
30	15.50	34.355	5.34	30	15.50	34.355	5.34	25.38	260	261	0.0771
50	15.49	34.313	5.47	50	15.49	34.313	5.47	25.35	263	264	0.1297
75	13.35	34.331	4.28	75	13.35	34.331	4.28	25.82	218	220	0.1903
98	7.39	34.218	6.15	100	7.06	34.214	6.09	26.81	124	125	0.2335
123	3.32	34.175	5.42	125	3.18	34.171	5.48	27.22	085	085	0.2600
145	1.82	34.135	6.14								

GYUNGBUG 853 , STATION 209-06 , 35-41.3. N, 129-49.0. E, DEC.13.1988, 08:20 KST,
 DEPTH 250 , COLOR 3, TRANS. 12.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 13.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.29	34.261	6.03	0	15.29	34.261	6.03	25.35	262	262	0.0000
10	15.36	34.213	5.59	10	15.36	34.213	5.59	25.30	267	267	0.0265
20	15.36	34.247	5.38	20	15.36	34.247	5.38	25.33	265	265	0.0532
30	15.29	34.206	6.37	30	15.29	34.206	6.37	25.31	266	267	0.0798
50	15.21	34.162	5.62	50	15.21	34.162	5.62	25.29	268	269	0.1335
75	15.13	34.166	5.62	75	15.13	34.166	5.62	25.32	266	268	0.2007
98	15.05	34.201	5.16	100	14.31	34.194	5.20	25.51	247	250	0.2655
123	5.85	34.120	5.69	125	5.52	34.107	5.65	26.92	113	114	0.3112
146	2.11	33.976	5.32	150	2.00	33.979	5.31	27.17	090	090	0.3368
195	0.87	34.019	5.30	200	0.84	34.032	5.29	27.29	078	078	0.3791
244	0.66	34.153	5.24								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-07 , 35-36.8. N, 130-00.3. E, DEC.13.1988, 07:00 KST,
 DEPTH 250 , COLOR 3, TRANS. 11.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1024.5,
 AIR TEMP. DRY 12.5, WET , CLOUD. TYPE AC, AMT 01, WEATHER B

0	15.32	34.374	6.21	0	15.32	34.374	6.21	25.43	255	254	0.0000
10	15.31	34.232	6.12	10	15.31	34.232	6.12	25.33	265	265	0.0260
20	15.30	34.167	6.65	20	15.30	34.167	6.65	25.28	269	270	0.0528
30	15.28	34.163	5.69	30	15.28	34.163	5.69	25.28	269	270	0.0798
50	15.20	34.140	5.51	50	15.20	34.140	5.51	25.28	269	270	0.1339
75	15.11	34.150	5.74	75	15.11	34.150	5.74	25.31	267	269	0.2014
99	14.90	34.166	6.55	100	14.45	34.164	6.55	25.46	252	255	0.2669
123	4.18	34.123	6.75	125	3.95	34.118	6.65	27.11	096	097	0.3110
146	1.59	34.072	5.69	150	1.53	34.073	5.66	27.28	079	079	0.3331
195	0.93	34.086	5.34	200	0.87	34.089	5.42	27.34	074	074	0.3717
244	0.43	34.118	6.21								

GYUNGBUG 853 , STATION 209-08 , 35-30.8. N, 130-16.9. E, DEC.13.1988, 05:10 KST,
 DEPTH 200 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1025. ,
 AIR TEMP. DRY 12.2, WET , CLOUD. TYPE , AMT , WEATHER

0	16.27	33.936	5.74	0	16.27	33.936	5.74	24.88	307	307	0.0000
10	16.22	34.214	5.85	10	16.22	34.214	5.85	25.11	286	286	0.0296
20	16.20	34.374	5.42	20	16.20	34.374	5.42	25.23	274	274	0.0577
30	16.29	34.263	5.81	30	16.29	34.263	5.81	25.13	284	284	0.0856
50	16.16	34.218	5.97	50	16.16	34.218	5.97	25.12	284	285	0.1427
75	16.12	34.264	5.50	75	16.12	34.264	5.50	25.17	280	282	0.2137
98	16.00	34.261	5.58	100	15.90	34.259	5.53	25.21	276	278	0.2838
123	14.81	34.239	5.04	125	13.88	34.254	5.06	25.65	234	237	0.3484
147	3.72	34.429	5.29	150	3.58	34.430	5.27	27.39	069	070	0.3869
195	1.61	34.448	5.09								

GYUNGBUG 853 , STATION 209-09 , 35-24.4. N, 130-33.5. E, DEC.13.1988, 03:20 KST,
 DEPTH 150 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1025. ,
 AIR TEMP. DRY 13.4, WET , CLOUD. TYPE , AMT , WEATHER

0	15.79	34.072	5.32	0	15.79	34.072	5.32	25.10	287	287	0.0000
10	15.80	34.032	5.01	10	15.80	34.032	5.01	25.06	290	290	0.0288
20	15.80	34.040	5.02	20	15.80	34.040	5.02	25.07	289	290	0.0579
30	15.80	34.114	5.09	30	15.80	34.114	5.09	25.13	284	285	0.0866
50	15.74	33.995	5.85	50	15.74	33.995	5.85	25.05	291	292	0.1444
75	15.60	34.002	5.79	75	15.60	34.002	5.79	25.09	288	290	0.2173
99	15.60	33.944	5.40	100	15.60	33.951	5.43	25.05	292	294	0.2904
123	15.60	34.123	6.33	125	15.59	34.101	6.22	25.16	280	284	0.3627
146	15.51	33.878	5.14								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 209-10 , 35-17.8. N, 130-50.0. E, DEC.13.1988, 01:30 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1025. ,
 AIR TEMP. DRY 13.3, WET , CLOUD. TYPE , AMT , WEATHER

0	16.07	34.114	4.92	0	16.07	34.114	4.92	25.07	290	290	0.0000
10	16.07	34.290	4.90	10	16.07	34.290	4.90	25.20	277	277	0.0283
20	16.08	33.871	5.36	20	16.08	33.871	5.36	24.88	308	308	0.0576
30	16.09	33.867	5.33	30	16.09	33.867	5.33	24.87	308	309	0.0885
50	16.10	34.145	6.14	50	16.10	34.145	6.14	25.08	288	289	0.1484
75	16.01	34.116	4.91	75	16.01	34.116	4.91	25.08	288	290	0.2210
98	15.80	34.109	5.79	100	15.77	34.101	5.74	25.12	284	287	0.2932
123	15.48	34.018	5.24	125	15.29	34.022	5.16	25.17	280	283	0.3646
136	14.26	34.049	4.73								

GYUNGBUG 853 , STATION 209-11 , 35-11.4. N, 131-06.6. E, DEC.12.1988, 23:40 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1025. ,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE , AMT , WEATHER

0	16.22	34.157	5.59	0	16.22	34.157	5.59	25.06	290	290	0.0000
10	16.26	34.123	6.23	10	16.26	34.123	6.23	25.03	293	293	0.0291
20	16.31	34.118	6.20	20	16.31	34.118	6.20	25.01	295	295	0.0586
30	16.30	34.137	5.47	30	16.30	34.137	5.47	25.03	293	294	0.0881
50	16.23	34.128	5.36	50	16.23	34.128	5.36	25.04	292	293	0.1469
73	16.20	34.006	5.06	75	16.20	34.007	5.11	24.95	301	302	0.2215
98	16.25	34.020	5.73	100	16.24	34.016	5.72	24.95	301	303	0.2973
122	16.21	33.977	5.69	125	16.14	33.968	5.68	24.94	302	305	0.3735
136	15.91	33.935	5.68								

208 線 海洋觀測 成績 Oceanographic Data. Line 208

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, FEB.11.1988, 09:40 KST,
 DEPTH 70 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1029. ,
 ATR TEMP. DRY 3.5, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	13.53	34.562	5.98	0	13.53	34.562	5.98	25.96	205	204	0.0000
10	13.73	34.546	5.86	10	13.73	34.546	5.86	25.91	210	210	0.0207
20	13.60	34.523	5.69	20	13.60	34.523	5.69	25.92	209	209	0.0417
30	13.52	34.496	5.47	30	13.52	34.496	5.47	25.91	209	210	0.0627
50	13.20	34.460	5.36	50	13.20	34.460	5.36	25.95	206	207	0.1045
68	12.80	34.453	5.32								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, FEB.11.1988, 10:40 KST,
 DEPTH 130 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1029. ,
 ATR TEMP. DRY 6.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	12.33	34.401	5.68	0	12.33	34.401	5.68	26.08	194	193	0.0000
10	12.32	34.353	5.56	10	12.32	34.353	5.56	26.04	197	197	0.0195
20	12.31	34.343	5.49	20	12.31	34.343	5.49	26.03	198	198	0.0393
30	12.36	34.338	5.41	30	12.36	34.338	5.41	26.02	199	199	0.0592
50	12.41	34.367	5.28	50	12.41	34.367	5.28	26.03	198	199	0.0991
75	12.46	34.365	5.26	75	12.46	34.365	5.26	26.02	199	200	0.1492
98	11.82	34.339	5.17	100	11.54	34.336	5.16	26.17	184	186	0.1976
122	8.53	34.309	5.06								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, FEB.11.1988, 12:10 KST,
 DEPTH 150 , COLOR 3, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1027. ,
 ATR TEMP. DRY 8.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	14.44	34.612	5.58	0	14.44	34.612	5.58	25.81	219	219	0.0000
10	14.53	34.693	5.48	10	14.53	34.693	5.48	25.85	215	215	0.0217
20	14.40	34.720	5.29	20	14.40	34.720	5.29	25.90	210	211	0.0430
30	14.39	34.647	5.13	30	14.39	34.647	5.13	25.85	216	216	0.0644
50	13.68	34.521	5.26	50	13.68	34.521	5.26	25.90	211	212	0.1073
75	12.98	34.403	5.18	75	12.98	34.403	5.18	25.95	206	207	0.1598
98	12.53	34.320	5.12	100	12.52	34.324	5.14	25.98	203	205	0.2115
123	12.50	34.375	5.47	125	12.07	34.365	5.45	26.10	192	194	0.2616
145	7.85	34.275	5.28								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, FEB.11.1988, 13:10 KST,
 DEPTH 143 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1026. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	13.44	34.561	5.68	0	13.44	34.561	5.68	25.98	203	203	0.0000
10	13.33	34.544	5.48	10	13.33	34.544	5.48	25.99	202	202	0.0202
20	13.13	34.387	5.46	20	13.13	34.387	5.46	25.91	210	210	0.0409
30	11.80	34.388	5.47	30	11.80	34.388	5.47	26.17	185	186	0.0607
50	11.37	34.411	5.43	50	11.37	34.411	5.43	26.26	176	177	0.0970
75	11.34	34.356	5.37	75	11.34	34.356	5.37	26.23	179	181	0.1419
98	11.20	34.419	5.43	100	11.23	34.413	5.44	26.29	173	175	0.1865
122	11.62	34.356	5.66	125	11.45	34.351	5.66	26.20	182	184	0.2315
140	10.63	34.329	5.67								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, FEB.11.1988, 14:25 KST,
 DEPTH 140 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1025.5,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	13.41	34.714	5.73	0	13.41	34.714	5.73	26.10	191	191	0.0000
10	13.42	34.596	5.52	10	13.42	34.596	5.52	26.01	200	200	0.0195
20	11.44	34.438	5.56	20	11.44	34.438	5.56	26.27	175	175	0.0384
30	11.19	34.336	5.48	30	11.19	34.336	5.48	26.24	178	179	0.0561
50	11.01	34.566	5.52	50	11.01	34.566	5.52	26.45	158	159	0.0900
75	10.97	34.651	5.73	75	10.97	34.651	5.73	26.52	151	153	0.1290
98	10.93	34.745	5.81	100	10.91	34.717	5.81	26.59	145	147	0.1667
123	10.77	34.406	5.83	125	10.73	34.395	5.79	26.37	166	168	0.2063
138	10.48	34.324	5.60								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, FEB.11.1988, 15:40 KST,
 DEPTH 135 , COLOR , TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1025. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	12.61	34.626	5.48	0	12.61	34.626	5.48	26.19	182	182	0.0000
10	12.55	34.603	5.48	10	12.55	34.603	5.48	26.19	183	183	0.0183
20	11.48	34.431	5.66	20	11.48	34.431	5.66	26.26	176	176	0.0363
30	11.30	34.368	5.68	30	11.30	34.368	5.68	26.24	178	178	0.0541
50	11.13	34.311	5.68	50	11.13	34.311	5.68	26.23	179	180	0.0900
75	10.99	34.279	5.60	75	10.99	34.279	5.60	26.23	179	180	0.1351
98	10.28	34.325	5.61	100	10.23	34.318	5.59	26.39	163	165	0.1784
123	9.77	34.247	5.48								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, FEB.11.1988, 16:55 KST,
 DEPTH 130 , COLOR , TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1025. ,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	14.70	34.675	5.30	0	14.70	34.675	5.30	25.80	220	220	0.0000
10	14.65	34.709	5.28	10	14.65	34.709	5.28	25.84	216	216	0.0218
20	14.75	34.725	5.03	20	14.75	34.725	5.03	25.83	217	218	0.0435
30	14.72	34.701	5.18	30	14.72	34.701	5.18	25.82	218	219	0.0654
50	14.15	34.775	5.08	50	14.15	34.775	5.08	26.00	201	202	0.1076
75	13.62	34.638	5.18	75	13.62	34.638	5.18	26.00	201	203	0.1584
97	13.52	34.443	5.25	100	13.38	34.440	5.25	25.90	211	213	0.2105
122	12.40	34.426	5.28								

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, FEB.11.1988, 18:10 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1025. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	14.21	34.689	5.13	0	14.21	34.689	5.13	25.92	209	209	0.0000
10	14.13	34.678	5.18	10	14.13	34.678	5.18	25.92	208	208	0.0208
20	14.12	34.650	5.16	20	14.12	34.650	5.16	25.91	210	210	0.0418
30	13.96	34.602	5.30	30	13.96	34.602	5.30	25.90	210	211	0.0629
50	13.84	34.594	5.22	50	13.84	34.594	5.22	25.92	208	209	0.1050
75	13.86	34.611	5.18	75	13.86	34.611	5.18	25.93	208	209	0.1575
97	13.06	34.500	5.18	100	12.67	34.478	5.17	26.07	195	197	0.2084
121	9.98	34.324	5.13								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, FEB.11.1988, 19:25 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1025. ,
 AIR TEMP. DRY 7.0, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	15.24	34.678	5.23	0	15.24	34.678	5.23	25.68	231	231	0.0000
10	15.07	34.719	5.20	10	15.07	34.719	5.20	25.75	224	224	0.0227
20	15.19	34.720	5.08	20	15.19	34.720	5.08	25.73	227	227	0.0454
30	15.19	34.723	5.30	30	15.19	34.723	5.30	25.73	227	227	0.0681
50	15.16	34.724	5.23	50	15.16	34.724	5.23	25.74	226	227	0.1136
75	15.21	34.716	5.28	75	15.21	34.716	5.28	25.72	227	229	0.1708
97	15.15	34.708	5.12	100	15.13	34.707	5.12	25.73	227	229	0.2282
122	15.03	34.701	5.18								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月 (April)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, APR.15.1988, 09:00 KST,
 DEPTH 70 , COLOR , TRANS. 14.0, WAVE SW 2, SWELL SW 2, WIND SW 5 , BARO 1025. ,
 AIR TEMP. DRY 12.9, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.51	34.449	6.39	0	12.51	34.449	6.39	26.08	194	193	0.0000
10	12.50	34.420	6.36	10	12.50	34.420	6.36	26.06	196	195	0.0194
20	11.83	34.431	6.21	20	11.83	34.431	6.21	26.19	182	183	0.0384
30	11.80	34.446	6.30	30	11.80	34.446	6.30	26.21	181	181	0.0566
50	11.79	34.467	6.45	50	11.79	34.467	6.45	26.23	179	180	0.0929
68	11.80	34.480	6.37								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, APR.15.1988, 10:00 KST,
 DEPTH 130 , COLOR , TRANS. 14.0, WAVE SW 2, SWELL SW 2, WIND SW 5 , BARO 1025. ,
 AIR TEMP. DRY 13.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.28	34.704	6.48	0	14.28	34.704	6.48	25.91	209	209	0.0000
10	14.21	34.703	6.57	10	14.21	34.703	6.57	25.93	208	208	0.0208
20	14.20	34.734	6.56	20	14.20	34.734	6.56	25.95	205	206	0.0416
30	14.19	34.705	6.55	30	14.19	34.705	6.55	25.93	207	208	0.0623
50	14.15	34.706	6.48	50	14.15	34.706	6.48	25.94	206	207	0.1039
75	13.72	34.740	6.28	75	13.72	34.740	6.28	26.06	195	197	0.1546
97	13.27	34.744	6.06	100	12.78	34.722	6.05	26.24	179	181	0.2020
123	9.03	34.556	6.01								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, APR.15.1988, 11:15 KST,
 DEPTH 150 , COLOR , TRANS. 15.0, WAVE SW 2, SWELL SW 2, WIND SW 5 , BARO 1025. ,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.61	34.828	6.48	0	14.61	34.828	6.48	25.94	207	207	0.0000
10	14.60	34.799	6.56	10	14.60	34.799	6.56	25.92	209	209	0.0208
20	14.54	34.782	6.68	20	14.54	34.782	6.68	25.92	209	209	0.0417
30	14.55	34.788	6.66	30	14.55	34.788	6.66	25.92	209	209	0.0627
50	14.52	34.764	6.56	50	14.52	34.764	6.56	25.91	210	211	0.1047
75	14.39	34.757	6.46	75	14.39	34.757	6.46	25.93	208	209	0.1574
98	14.15	34.755	6.31	100	14.05	34.753	6.30	26.00	201	203	0.2091
122	13.05	34.741	6.28	125	12.75	34.714	6.24	26.23	179	181	0.2573
146	10.68	34.528	6.01								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, APR.15.1988, 12:35 KST,
 DEPTH 143 , COLOR , TRANS. 14.0, WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1024. ,
 AIR TEMP. DRY 16.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.21	34.816	6.21	0	14.21	34.816	6.21	26.01	200	199	0.0000
10	13.96	34.922	6.60	10	13.96	34.922	6.60	26.15	187	187	0.0193
20	13.81	34.734	6.79	20	13.81	34.734	6.79	26.03	198	198	0.0386
30	13.80	34.756	6.46	30	13.80	34.756	6.46	26.05	196	196	0.0583
50	13.80	34.789	6.56	50	13.80	34.789	6.56	26.08	193	194	0.0975
75	13.76	34.773	6.58	75	13.76	34.773	6.58	26.08	194	195	0.1464
97	13.49	34.764	6.31	100	13.44	34.755	6.31	26.13	189	191	0.1948
122	13.08	34.694	6.36	125	13.08	34.682	6.32	26.14	187	190	0.2426
141	13.09	34.619	6.11								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, APR.15.1988, 13:50 KST,
 DEPTH 140 , COLOR , TRANS. 13.0, WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1023. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.30	34.807	6.61	0	14.30	34.807	6.61	25.99	202	202	0.0000
10	14.06	34.886	6.68	10	14.06	34.886	6.68	26.10	191	191	0.0197
20	13.95	34.868	6.76	20	13.95	34.868	6.76	26.11	191	191	0.0388
30	13.93	34.750	6.56	30	13.93	34.750	6.56	26.02	199	199	0.0584
50	13.93	34.755	6.58	50	13.93	34.755	6.58	26.03	198	199	0.0984
75	13.87	34.760	6.46	75	13.87	34.760	6.46	26.04	197	199	0.1482
98	13.58	34.766	6.38	100	13.57	34.765	6.37	26.11	191	193	0.1973
122	13.51	34.755	6.26	125	13.16	34.740	6.24	26.17	185	187	0.2450
138	11.67	34.676	6.18								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, APR.15.1988, 15:05 KST,
 DEPTH 135 , COLOR , TRANS. 12.0, WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1023. ,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.77	34.887	6.41	0	14.77	34.887	6.41	25.95	206	206	0.0000
10	14.54	34.884	6.34	10	14.54	34.884	6.34	26.00	201	201	0.0203
20	14.53	34.858	6.36	20	14.53	34.858	6.36	25.98	203	203	0.0406
30	14.50	34.803	6.01	30	14.50	34.803	6.01	25.94	206	207	0.0612
50	14.50	34.781	6.08	50	14.50	34.781	6.08	25.93	208	209	0.1029
75	14.42	34.765	6.02	75	14.42	34.765	6.02	25.93	208	209	0.1553
97	14.12	34.761	6.06	100	14.06	34.762	6.06	26.00	201	203	0.2070
122	13.63	34.772	6.06								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, APR.15.1988, 16:20 KST,
 DEPTH 130 , COLOR , TRANS. 12.0, WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1023. ,
 AIR TEMP. DRY 16.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.80	34.802	6.46	0	14.80	34.802	6.46	25.88	213	212	0.0000
10	14.70	34.902	6.56	10	14.70	34.902	6.56	25.98	203	203	0.0208
20	14.60	34.902	6.58	20	14.60	34.902	6.58	26.00	201	201	0.0411
30	14.56	34.882	6.40	30	14.56	34.882	6.40	25.99	202	202	0.0613
50	14.59	34.890	6.36	50	14.59	34.890	6.36	25.99	202	203	0.1019
75	14.49	34.895	6.31	75	14.49	34.895	6.31	26.02	199	201	0.1526
98	14.50	34.907	6.28	100	14.49	34.903	6.27	26.02	199	201	0.2031
122	14.48	34.866	6.26								

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, APR.15.1988, 17:35 KST,
 DEPTH 130 , COLOR , TRANS. 12.0, WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1023. ,
 AIR TEMP. DRY 15.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.90	34.877	6.31	0	14.90	34.877	6.31	25.91	209	209	0.0000
10	14.70	34.870	6.41	10	14.70	34.870	6.41	25.95	206	206	0.0207
20	14.71	34.871	6.41	20	14.71	34.871	6.41	25.95	206	206	0.0414
30	14.69	34.873	6.48	30	14.69	34.873	6.48	25.96	205	206	0.0620
50	14.66	34.873	6.44	50	14.66	34.873	6.44	25.96	205	206	0.1032
75	14.59	34.873	6.31	75	14.59	34.873	6.31	25.98	203	205	0.1547
98	14.62	34.878	6.21	100	14.61	34.878	6.19	25.98	203	206	0.2061
122	14.50	34.889	6.06								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, APR.15.1988, 18:50 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 6 , BARO 1023. ,
 AIR TEMP. DRY 14.4, WET , CLOUD. TYPE , AMT , WEATHER

0	14.82	34.873	6.31	0	14.82	34.873	6.31	25.93	208	208	0.0000
10	14.08	34.868	6.45	10	14.08	34.868	6.45	26.08	193	193	0.0200
20	14.81	34.890	6.41	20	14.81	34.890	6.41	25.94	206	207	0.0401
30	14.58	34.882	6.51	30	14.58	34.882	6.51	25.99	202	203	0.0606
50	14.60	34.903	6.41	50	14.60	34.903	6.41	26.00	201	202	0.1012
75	14.56	34.897	6.41	75	14.56	34.897	6.41	26.00	201	203	0.1519
97	14.51	34.896	6.31	100	14.54	34.895	6.28	26.00	201	203	0.2027
122	14.78	34.890	6.06								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, JUN.10.1988, 07:00 KST,
 DEPTH 70 , COLOR , TRANS. 10.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1008.5,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	17.56	34.058	6.06	0	17.56	34.058	6.06	24.67	327	327	0.0000
10	15.72	33.901	6.23	10	15.72	33.901	6.23	24.98	298	298	0.0312
20	14.25	33.981	6.23	20	14.25	33.981	6.23	25.36	262	262	0.0593
30	14.21	34.364	5.74	30	14.21	34.364	5.74	25.67	233	233	0.0841
50	13.12	34.501	5.70	50	13.12	34.501	5.70	26.00	201	202	0.1277
68	12.41	34.291	5.56								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, JUN.10.1988, 08:00 KST,
 DEPTH 130 , COLOR , TRANS. 10.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1008.5,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	18.47	34.096	5.95	0	18.47	34.096	5.95	24.48	346	345	0.0000
10	18.18	34.055	5.88	10	18.18	34.055	5.88	24.52	342	342	0.0344
20	17.37	34.046	6.06	20	17.37	34.046	6.06	24.71	324	324	0.0677
30	15.36	34.117	5.76	30	15.36	34.117	5.76	25.23	274	275	0.0977
50	14.82	34.169	5.88	50	14.82	34.169	5.88	25.39	259	260	0.1513
75	14.68	34.588	5.65	75	14.68	34.588	5.65	25.74	226	228	0.2124
98	7.56	34.533	5.64	100	7.55	34.512	5.63	26.97	109	110	0.2548
122	7.52	34.287	5.59								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, JUN.10.1988, 09:15 KST,
 DEPTH 150 , COLOR , TRANS. 11.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1008. ,
 AIR TEMP. DRY 20.6, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	18.36	34.199	6.10	0	18.36	34.199	6.10	24.58	336	335	0.0000
10	18.19	34.114	6.18	10	18.19	34.114	6.18	24.56	338	338	0.0336
20	18.11	34.075	5.91	20	18.11	34.075	5.91	24.55	339	339	0.0675
30	17.48	34.212	5.66	30	17.48	34.212	5.66	24.81	314	315	0.1003
50	15.55	34.148	5.66	50	15.55	34.148	5.66	25.21	276	277	0.1596
75	15.57	34.583	5.47	75	15.57	34.583	5.47	25.54	245	247	0.2252
97	15.19	34.736	5.38	100	15.10	34.717	5.35	25.74	225	228	0.2846
121	14.51	34.586	5.16	125	14.45	34.493	*****	25.71	228	231	0.3421
136	14.30	34.238	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, JUN.10.1988, 10:40 KST,
 DEPTH 143 , COLOR , TRANS. 10.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1007.5,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	18.65	34.007	5.88	0	18.65	34.007	5.88	24.37	356	356	0.0000
10	18.29	34.007	5.88	10	18.29	34.007	5.88	24.46	348	348	0.0352
20	17.03	34.100	6.05	20	17.03	34.100	6.05	24.83	312	312	0.0683
30	16.80	34.194	5.84	30	16.80	34.194	5.84	24.96	300	301	0.0990
50	15.79	34.317	5.88	50	15.79	34.317	5.88	25.28	269	270	0.1561
75	15.30	34.678	5.66	75	15.30	34.678	5.66	25.67	232	234	0.2192
98	15.05	34.552	5.38	100	15.04	34.548	5.35	25.63	236	239	0.2785
123	14.93	34.508	5.06	125	14.83	34.478	5.06	25.62	237	240	0.3384
140	14.12	34.257	5.08								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, JUN.10.1988, 12:00 KST,
 DEPTH 140 , COLOR , TRANS. 12.0, WAVE N 1, SWELL N 1, WIND N 1 , BARO 1007.5,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	19.00	34.118	5.78	0	19.00	34.118	5.78	24.36	357	356	0.0000
10	18.68	34.107	5.98	10	18.68	34.107	5.98	24.43	350	350	0.0353
20	18.75	34.156	5.92	20	18.75	34.156	5.92	24.45	348	348	0.0703
30	17.68	34.132	5.85	30	17.68	34.132	5.85	24.70	325	325	0.1040
50	16.24	34.172	6.00	50	16.24	34.172	6.00	25.07	289	290	0.1656
75	16.64	34.239	5.63	75	16.64	34.239	5.63	25.03	293	295	0.2389
97	15.47	34.565	5.36	100	15.41	34.563	5.33	25.56	243	245	0.3066
122	15.02	34.555	5.16	125	14.59	34.542	5.14	25.72	227	231	0.3663
135	13.18	34.499	5.08								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, JUN.10.1988, 13:25 KST,
 DEPTH 135 , COLOR , TRANS. 14.0, WAVE N 1, SWELL N 1, WIND N 1 , BARO 1007. ,
 AIR TEMP. DRY 21.1, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	19.72	34.493	5.54	0	19.72	34.493	5.54	24.46	347	347	0.0000
10	19.40	34.548	6.06	10	19.40	34.548	6.06	24.59	335	335	0.0341
20	18.60	34.516	6.12	20	18.60	34.516	6.12	24.77	318	319	0.0668
30	18.63	34.557	6.08	30	18.63	34.557	6.08	24.79	316	317	0.0986
50	17.90	34.548	5.77	50	17.90	34.548	5.77	24.96	299	301	0.1605
75	16.15	34.535	5.63	75	16.15	34.535	5.63	25.37	261	263	0.2310
98	15.97	*****	5.23	100	15.94	34.515	5.22	25.40	258	260	0.2965
123	15.60	34.498	5.16								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, JUN.10.1988, 14:45 KST,
 DEPTH 130 , COLOR , TRANS. 15.0, WAVE N 1, SWELL N 1, WIND N 1 , BARO 1007. ,
 AIR TEMP. DRY 21.8, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	20.47	34.524	5.46	0	20.47	34.524	5.46	24.29	364	363	0.0000
10	20.20	34.517	5.61	10	20.20	34.517	5.61	24.36	357	357	0.0360
20	19.90	34.492	5.98	20	19.90	34.492	5.98	24.42	352	352	0.0716
30	18.65	34.485	5.96	30	18.65	34.485	5.96	24.73	322	322	0.1053
50	17.32	34.542	5.66	50	17.32	34.542	5.66	25.10	286	288	0.1664
75	16.95	34.577	5.70	75	16.95	34.577	5.70	25.22	275	277	0.2372
98	16.07	34.630	5.48	100	16.04	34.630	5.46	25.47	252	254	0.3037
123	15.77	34.632	5.32								

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, JUN.10.1988, 16:05 KST,
 DEPTH 130 , COLOR , TRANS. 17.0, WAVE N 1, SWELL N 1, WIND N 1 , BARO 1007. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.50	34.537	5.28	0	20.50	34.537	5.28	24.29	364	363	0.0000
10	20.18	34.549	5.94	10	20.18	34.549	5.94	24.39	355	355	0.0359
20	19.38	34.586	6.04	20	19.38	34.586	6.04	24.62	332	332	0.0703
30	18.78	34.623	5.98	30	18.78	34.623	5.98	24.80	315	315	0.1027
50	17.39	34.575	5.68	50	17.39	34.575	5.68	25.11	286	287	0.1630
75	16.35	34.607	5.66	75	16.35	34.607	5.66	25.38	260	262	0.2317
97	15.97	34.656	5.36	100	15.86	34.653	5.37	25.53	246	249	0.2957
123	15.07	34.636	5.53								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, JUN.10.1988, 17:25 KST,
 DEPTH 130 , COLOR , TRANS. 15.0, WAVE N 1, SWELL N 1, WIND N 1 , BARO 1007. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.50	34.501	5.28	0	20.50	34.501	5.28	24.26	366	366	0.0000
10	20.50	34.555	5.98	10	20.50	34.555	5.98	24.30	362	362	0.0364
20	20.28	34.502	5.88	20	20.28	34.502	5.88	24.32	360	361	0.0726
30	19.58	34.528	5.80	30	19.58	34.528	5.80	24.53	341	342	0.1078
50	17.36	34.646	5.55	50	17.36	34.646	5.55	25.17	280	281	0.1702
75	16.79	34.644	5.88	75	16.79	34.644	5.88	25.30	267	269	0.2390
99	16.70	34.663	5.18	100	16.69	34.662	5.19	25.34	263	266	0.3060
123	16.53	34.655	5.48								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, AUG. 9.1988, 08:35 KST,
 DEPTH 70 , COLOR 5, TRANS. 7.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1014. ,
 AIR TEMP. DRY 28.0, WET , CLOUD. TYPE CU, AMT 04, WEATHER BC

0	22.37	33.164	4.35	0	22.37	33.164	4.35	22.74	512	511	0.0000
10	16.64	34.074	4.56	10	16.64	34.074	4.56	24.90	305	305	0.0408
20	15.13	34.415	4.07	20	15.13	34.415	4.07	25.51	248	248	0.0685
30	14.68	34.497	3.87	30	14.68	34.497	3.87	25.67	232	233	0.0926
50	13.57	34.489	3.66	50	13.57	34.489	3.66	25.90	211	212	0.1372
68	8.29	34.427	3.86								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, AUG. 9.1988, 09:35 KST,
 DEPTH 130 , COLOR 3, TRANS. 18.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1015. ,
 AIR TEMP. DRY 28.5, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	25.45	33.211	4.36	0	25.45	33.211	4.36	21.87	595	594	0.0000
10	23.33	32.992	4.34	10	23.33	32.992	4.34	22.34	550	550	0.0572
20	19.15	33.027	4.55	20	19.15	33.027	4.55	23.49	440	440	0.1068
30	16.52	33.343	4.31	30	16.52	33.343	4.31	24.37	356	356	0.1467
50	15.21	34.356	4.06	50	15.21	34.356	4.06	25.44	254	255	0.2079
75	14.63	34.497	3.96	75	14.63	34.497	3.96	25.68	231	233	0.2690
98	14.31	34.489	3.91	100	13.66	34.477	3.92	25.87	213	216	0.3253
122	6.52	34.348	4.07								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, AUG. 9.1988, 10:55 KST,
 DEPTH 150 , COLOR 3, TRANS. 18.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1015. ,
 AIR TEMP. DRY 29.0, WET , CLOUD. TYPE CU, AMT 02, WEATHER B

0	25.99	32.977	4.57	0	25.99	32.977	4.57	21.53	627	627	0.0000
10	24.17	32.957	4.65	10	24.17	32.957	4.65	22.06	576	576	0.0602
20	23.56	33.004	4.58	20	23.56	33.004	4.58	22.28	556	556	0.1168
30	23.44	32.981	4.46	30	23.44	32.981	4.46	22.30	554	555	0.1724
50	17.27	34.207	3.78	50	17.27	34.207	3.78	24.86	310	311	0.2591
75	15.80	34.521	3.88	75	15.80	34.521	3.88	25.44	254	256	0.3301
98	14.94	34.517	4.08	100	14.92	34.516	4.06	25.63	236	239	0.3920
124	14.68	34.505	3.91	125	14.51	34.505	3.92	25.71	228	231	0.4509
147	10.78	34.517	4.35								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, AUG. 9.1988, 12:15 KST,
 DEPTH 143 , COLOR 2, TRANS. 20.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1015. ,
 AIR TEMP. DRY 30.0, WET , CLOUD. TYPE CU, AMT 01, WEATHER B

0	26.91	33.094	4.37	0	26.91	33.094	4.37	21.33	647	646	0.0000
10	24.19	32.977	4.65	10	24.19	32.977	4.65	22.07	575	575	0.0611
20	23.90	33.062	4.75	20	23.90	33.062	4.75	22.22	561	561	0.1180
30	23.22	33.140	4.80	30	23.22	33.140	4.80	22.48	537	537	0.1729
50	20.35	33.523	4.15	50	20.35	33.523	4.15	23.56	433	434	0.2702
75	17.68	34.435	3.95	75	17.68	34.435	3.95	24.93	302	304	0.3627
98	16.54	34.442	3.97	100	16.44	34.444	3.97	25.23	274	277	0.4354
123	15.36	34.470	4.04	125	15.29	34.478	4.06	25.52	247	250	0.5014
141	14.81	34.548	4.27								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, AUG. 9.1988, 13:35 KST,
 DEPTH 140 , COLOR 2, TRANS. 18.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1014. ,
 AIR TEMP. DRY 30.0, WET , CLOUD. TYPE CU, AMT 01, WEATHER B

0	27.64	33.086	4.53	0	27.64	33.086	4.53	21.09	670	669	0.0000
10	25.48	33.070	5.00	10	25.48	33.070	5.00	21.76	606	606	0.0637
20	23.39	33.055	4.85	20	23.39	33.055	4.85	22.37	547	548	0.1215
30	21.34	33.398	4.85	30	21.34	33.398	4.85	23.20	468	468	0.1723
50	18.68	34.082	4.46	50	18.68	34.082	4.46	24.42	352	353	0.2545
75	16.30	34.239	4.10	75	16.30	34.239	4.10	25.11	286	288	0.3347
98	15.85	34.615	4.38	100	15.80	34.609	4.33	25.51	248	251	0.4021
123	15.28	34.540	3.86	125	14.85	34.554	3.93	25.68	232	235	0.4629
137	12.27	34.642	4.36								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, AUG. 9.1988, 15:00 KST,
 DEPTH 135 , COLOR 2, TRANS. 19.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1013.
 AIR TEMP. DRY 28.5, WET , CLOUD. TYPE CU, AMT 01, WEATHER B

0	27.71	33.183	4.61	0	27.71	33.183	4.61	21.14	665	664	0.0000
10	26.51	33.230	4.95	10	26.51	33.230	4.95	21.56	625	625	0.0645
20	23.30	33.523	5.10	20	23.30	33.523	5.10	22.75	511	511	0.1213
30	19.51	34.207	4.89	30	19.51	34.207	4.89	24.30	363	363	0.1651
50	17.54	34.219	4.57	50	17.54	34.219	4.57	24.80	315	316	0.2331
75	16.63	34.344	4.11	75	16.63	34.344	4.11	25.11	285	287	0.3087
99	15.72	34.525	4.27	100	15.69	34.529	4.26	25.47	251	254	0.3765
123	15.20	34.642	4.16								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, AUG. 9.1988, 16:20 KST,
 DEPTH 130 , COLOR 2, TRANS. 20.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1013.
 AIR TEMP. DRY 28.0, WET , CLOUD. TYPE CU, AMT 02, WEATHER B

0	27.08	33.347	4.70	0	27.08	33.347	4.70	21.47	634	633	0.0000
10	26.40	33.335	4.95	10	26.40	33.335	4.95	21.67	614	614	0.0624
20	24.63	33.277	5.06	20	24.63	33.277	5.06	22.17	566	566	0.1214
30	22.96	33.211	4.73	30	22.96	33.211	4.73	22.61	524	525	0.1760
50	18.62	33.820	4.45	50	18.62	33.820	4.45	24.23	369	370	0.2657
75	17.02	34.246	4.25	75	17.02	34.246	4.25	24.95	301	303	0.3500
99	15.98	34.478	4.23	100	15.95	34.481	4.22	25.37	261	263	0.4209
123	15.39	34.552	4.16								

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, AUG. 9.1988, 17:45 KST,
 DEPTH 130 , COLOR 2, TRANS. 20.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1012. ,
 AIR TEMP. DRY 27.5, WET , CLOUD. TYPE CU, AMT 04, WEATHER BC

0	26.18	33.835	4.82	0	26.18	33.835	4.82	22.12	571	571	0.0000
10	25.30	33.781	4.83	10	25.30	33.781	4.83	22.35	549	549	0.0560
20	24.43	33.812	5.05	20	24.43	33.812	5.05	22.63	522	522	0.1096
30	22.01	33.972	4.75	30	22.01	33.972	4.75	23.45	444	444	0.1580
50	16.94	34.289	4.38	50	16.94	34.289	4.38	25.00	296	297	0.2323
75	15.42	34.478	4.14	75	15.42	34.478	4.14	25.49	249	251	0.3010
98	15.34	34.489	4.04	100	15.31	34.500	4.03	25.53	245	248	0.3635
122	14.99	34.627	3.97								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, AUG. 9.1988, 19:05 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1012. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CU, AMT 05, WEATHER BC

0	25.42	33.808	4.81	0	25.42	33.808	4.81	22.33	551	550	0.0000
10	24.52	33.765	4.65	10	24.52	33.765	4.65	22.57	528	528	0.0539
20	22.88	33.867	4.82	20	22.88	33.867	4.82	23.13	475	475	0.1041
30	20.51	34.148	4.70	30	20.51	34.148	4.70	23.99	392	393	0.1475
50	18.52	34.137	4.53	50	18.52	34.137	4.53	24.50	344	345	0.2214
75	16.34	34.391	4.47	75	16.34	34.391	4.47	25.22	275	277	0.2993
99	16.07	34.493	4.33	100	16.06	34.495	4.31	25.36	262	264	0.3672
123	15.92	34.556	4.05								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, OCT.10.1988, 14:30 KST,
 DEPTH 70 , COLOR 3, TRANS. 15.0, WAVE 0, SWELL SE 1, WIND SE 3 , BARO 1024. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.17	33.629	5.16	0	22.17	33.629	5.16	23.15	473	472	0.0000
10	22.16	33.618	4.95	10	22.16	33.618	4.95	23.14	473	473	0.0473
20	22.01	33.558	4.97	20	22.01	33.558	4.97	23.14	474	474	0.0947
30	22.00	33.516	5.00	30	22.00	33.516	5.00	23.11	476	477	0.1423
50	21.57	33.703	4.63	50	21.57	33.703	4.63	23.37	452	453	0.2354
68	19.55	34.368	4.42								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, OCT.10.1988, 15:30 KST,
 DEPTH 130 , COLOR 3, TRANS. 15.0, WAVE 0, SWELL SE 1, WIND SE 3 , BARO 1024. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.79	33.547	5.05	0	22.79	33.547	5.05	22.91	495	495	0.0000
10	22.79	33.469	5.05	10	22.79	33.469	5.05	22.85	501	501	0.0498
20	22.84	33.535	4.86	20	22.84	33.535	4.86	22.89	498	498	0.0998
30	21.84	33.602	4.74	30	21.84	33.602	4.74	23.22	466	467	0.1481
50	17.30	34.070	4.42	50	17.30	34.070	4.42	24.74	320	322	0.2270
75	14.94	34.384	4.42	75	14.94	34.384	4.42	25.52	246	248	0.2983
98	14.42	34.345	4.34	100	13.71	34.334	4.32	25.75	225	227	0.3578
122	6.00	34.220	4.18								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9 E, OCT.10.1988, 16:56 KST,
 DEPTH 150 , COLOR 3, TRANS. 15.0, WAVE 0, SWELL SE 1, WIND SE 3 , BARO 1024. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.58	33.555	4.95	0	22.58	33.555	4.95	22.98	489	489	0.0000
10	22.57	33.516	5.09	10	22.57	33.516	5.09	22.95	492	492	0.0490
20	22.21	33.537	4.84	20	22.21	33.537	4.84	23.07	480	481	0.0977
30	22.20	33.627	4.82	30	22.20	33.627	4.82	23.14	474	474	0.1455
50	21.69	33.777	4.79	50	21.69	33.777	4.79	23.39	449	451	0.2381
75	18.12	34.207	4.37	75	18.12	34.207	4.37	24.65	329	331	0.3360
99	17.02	34.329	4.00	100	16.96	34.332	4.00	25.03	294	296	0.4145
124	15.53	34.407	4.00	125	15.45	34.408	3.99	25.43	255	258	0.4840
148	13.82	34.431	3.89								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, OCT.10.1988, 18:20 KST,
 DEPTH 143 , COLOR 3, TRANS. 15.0, WAVE 0, SWELL SE 1, WIND SE 3 , BARO 1024. ,
 AIR TEMP. DRY 17.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.36	33.897	5.05	0	22.36	33.897	5.05	23.30	458	458	0.0000
10	22.35	33.860	5.25	10	22.35	33.860	5.25	23.27	461	461	0.0460
20	22.31	33.860	5.26	20	22.31	33.860	5.26	23.28	460	460	0.0921
30	22.31	33.938	5.26	30	22.31	33.938	5.26	23.34	454	455	0.1378
50	21.91	33.899	4.86	50	21.91	33.899	4.86	23.42	446	448	0.2282
75	17.33	34.313	4.21	75	17.33	34.313	4.21	24.92	303	305	0.3224
99	16.02	34.376	4.29	100	15.96	34.378	4.27	25.29	268	271	0.3946
123	14.80	34.435	4.00	125	14.40	34.425	3.97	25.67	232	235	0.4579
140	11.47	34.356	3.82								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, OCT.10.1988, 19:40 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE 0, SWELL SE 1, WIND SE 2 , BARO 1024. ,
 AIR TEMP. DRY 15.6, WET , CLOUD. TYPE , AMT , WEATHER

0	22.61	33.887	5.10	0	22.61	33.887	5.10	23.22	466	466	0.0000
10	22.59	33.887	5.26	10	22.59	33.887	5.26	23.22	465	465	0.0465
20	22.45	33.887	5.00	20	22.45	33.887	5.00	23.26	462	462	0.0930
30	22.36	33.867	4.84	30	22.36	33.867	4.84	23.27	461	461	0.1392
50	22.33	34.004	4.95	50	22.33	34.004	4.95	23.39	450	451	0.2305
75	20.43	34.106	4.21	75	20.43	34.106	4.21	23.98	393	395	0.3364
98	19.40	34.337	4.17	100	19.12	34.341	4.14	24.50	343	346	0.4292
123	15.93	34.395	3.89	125	15.80	34.400	3.86	25.35	263	266	0.5059
138	14.97	34.435	3.68								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, OCT.10.1988, 21:05 KST,
 DEPTH 135 , COLOR , TRANS. , WAVE 0, SWELL SE 1, WIND SE 2 , BARO 1024. ,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE , AMT , WEATHER

0	22.85	34.004	4.96	0	22.85	34.004	4.96	23.24	464	464	0.0000
10	22.79	33.922	5.16	10	22.79	33.922	5.16	23.19	468	468	0.0466
20	22.77	34.000	5.05	20	22.77	34.000	5.05	23.26	462	462	0.0932
30	22.15	34.000	4.89	30	22.15	34.000	4.89	23.43	445	446	0.1387
50	18.08	34.278	4.96	50	18.08	34.278	4.96	24.71	323	324	0.2158
75	16.90	34.372	4.24	75	16.90	34.372	4.24	25.07	289	291	0.2929
99	15.98	34.356	4.01	100	15.94	34.356	4.01	25.28	269	272	0.3634
124	15.07	34.356	4.01								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	O2	DEPTH	TEMP	SAL	O2	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, OCT.10.1988, 22:25 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE 0, SWELL SE 1, WIND SE 3 , BARO 1024. ,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE , AMT , WEATHER

0	22.81	34.185	4.95	0	22.81	34.185	4.95	23.39	450	450	0.0000
10	22.37	34.148	5.10	10	22.37	34.148	5.10	23.48	441	441	0.0445
20	22.46	34.151	5.05	20	22.46	34.151	5.05	23.46	443	443	0.0887
30	21.92	34.149	4.96	30	21.92	34.149	4.96	23.61	428	429	0.1324
50	21.09	34.165	4.90	50	21.09	34.165	4.90	23.85	406	407	0.2161
75	18.10	34.182	4.42	75	18.10	34.182	4.42	24.64	331	333	0.3087
98	15.99	34.341	4.13	100	15.97	34.350	4.12	25.27	271	273	0.3845
123	15.80	34.456	4.02								

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, OCT.10.1988, 23:45 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE 0, SWELL SE 1, WIND SE 2 , BARO 1024. ,
 ATR TEMP. DRY 16.2, WET , CLOUD. TYPE , AMT , WEATHER

0	23.21	34.031	5.00	0	23.21	34.031	5.00	23.16	472	472	0.0000
10	23.13	34.048	5.17	10	23.13	34.048	5.17	23.19	468	468	0.0470
20	23.23	34.045	5.21	20	23.23	34.045	5.21	23.16	471	472	0.0941
30	23.17	34.037	5.05	30	23.17	34.037	5.05	23.17	470	471	0.1413
50	22.80	34.233	4.90	50	22.80	34.233	4.90	23.43	446	447	0.2332
75	21.29	34.208	4.39	75	21.29	34.208	4.39	23.83	408	410	0.3405
99	17.77	34.411	3.89	100	17.69	34.412	3.89	24.91	304	307	0.4302
123	15.96	34.438	3.89								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, OCT.11.1988, 01:05 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1022. ,
 AIR TEMP. DRY 16.1, WET , CLOUD. TYPE , AMT , WEATHER

0	22.78	34.038	5.00	0	22.78	34.038	5.00	23.28	460	459	0.0000
10	22.81	33.981	5.05	10	22.81	33.981	5.05	23.23	465	465	0.0462
20	22.80	33.993	5.26	20	22.80	33.993	5.26	23.24	463	464	0.0927
30	22.77	33.981	5.05	30	22.77	33.981	5.05	23.24	463	464	0.1391
50	21.08	34.100	4.87	50	21.08	34.100	4.87	23.80	410	411	0.2267
75	19.80	34.371	4.21	75	19.80	34.371	4.21	24.35	358	360	0.3233
99	16.89	34.390	3.89	100	16.85	34.392	3.88	25.10	287	289	0.4046
123	16.08	34.453	3.68								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

GYUNGBUG 853 , STATION 208-01 , 35-28.5. N, 129-27.3. E, DEC.12.1988, 09:15 KST,
 DEPTH 70 , COLOR 4, TRANS. 11.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1025. ,
 AIR TEMP. DRY 4.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.64	34.351	5.58	0	15.64	34.351	5.58	25.34	263	263	0.0000
10	15.53	34.316	5.75	10	15.53	34.316	5.75	25.34	263	263	0.0263
20	15.44	34.200	6.02	20	15.44	34.200	6.02	25.27	270	270	0.0531
30	14.90	34.136	5.39	30	14.90	34.136	5.39	25.34	263	264	0.0798
50	14.69	34.124	6.15	50	14.69	34.124	6.15	25.38	260	261	0.1324
68	14.48	34.256	5.42								

GYUNGBUG 853 , STATION 208-02 , 35-24.3. N, 129-33.8. E, DEC.12.1988, 10:15 KST,
 DEPTH 130 , COLOR 4, TRANS. 13.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1025. ,
 AIR TEMP. DRY 8.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.31	34.234	6.47	0	15.31	34.234	6.47	25.33	265	265	0.0000
10	15.02	34.198	5.98	10	15.02	34.198	5.98	25.36	261	261	0.0263
20	14.52	34.132	5.23	20	14.52	34.132	5.23	25.42	256	256	0.0522
30	14.48	34.103	5.82	30	14.48	34.103	5.82	25.41	257	258	0.0780
50	14.29	34.099	5.20	50	14.29	34.099	5.20	25.44	254	255	0.1293
75	14.03	34.106	5.44	75	14.03	34.106	5.44	25.50	248	250	0.1925
98	13.55	34.152	5.30	100	13.13	34.148	5.22	25.72	227	230	0.2525
123	8.37	34.114	4.33								

GYUNGBUG 853 , STATION 208-03 , 35-17.8. N, 129-42.9. E, DEC.12.1988, 11:35 KST,
 DEPTH 150 , COLOR 4, TRANS. 14.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1025. ,
 AIR TEMP. DRY 9.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	15.73	34.196	5.56	0	15.73	34.196	5.56	25.20	276	276	0.0000
10	15.72	34.149	5.82	10	15.72	34.149	5.82	25.17	280	280	0.0278
20	15.62	34.173	5.09	20	15.62	34.173	5.09	25.21	276	276	0.0556
30	15.48	34.151	5.75	30	15.48	34.151	5.75	25.23	274	275	0.0832
50	15.42	34.136	5.48	50	15.42	34.136	5.48	25.23	274	275	0.1384
75	15.40	34.128	5.36	75	15.40	34.128	5.36	25.23	274	276	0.2075
97	15.18	34.132	5.95	100	15.13	34.131	5.79	25.29	269	271	0.2760
123	14.82	34.124	4.62	125	14.67	34.131	4.60	25.39	259	262	0.3428
145	13.25	34.210	4.46								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-04 , 35-11.1. N, 129-52.7. E, DEC.12.1988, 12:55 KST,
 DEPTH 143 , COLOR 3, TRANS. 13.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1025. ,
 ATR TEMP. DRY 11.4, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	16.71	34.274	5.51	0	16.71	34.274	5.51	25.04	292	292	0.0000
10	16.67	34.325	5.70	10	16.67	34.325	5.70	25.09	288	288	0.0290
20	16.66	34.386	5.09	20	16.66	34.386	5.09	25.14	283	283	0.0576
30	16.31	34.216	5.69	30	16.31	34.216	5.69	25.09	288	288	0.0862
50	15.51	34.164	5.79	50	15.51	34.164	5.79	25.23	274	275	0.1426
75	15.42	34.173	5.99	75	15.42	34.173	5.99	25.26	272	273	0.2113
98	15.30	34.142	5.13	100	15.29	34.147	5.15	25.27	271	273	0.2798
126	15.20	34.222	5.45	125	15.20	34.219	5.43	25.34	264	267	0.3474
140	13.24	34.355	6.19								

GYUNGBUG 853 , STATION 208-05 , 35-04.8. N, 130-02.0. E, DEC.12.1988, 14:15 KST,
 DEPTH 140 , COLOR 3, TRANS. 13.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1025. ,
 ATR TEMP. DRY 11.9, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	17.37	34.379	5.07	0	17.37	34.379	5.07	24.96	299	299	0.0000
10	17.41	34.391	5.43	10	17.41	34.391	5.43	24.96	299	299	0.0299
20	17.37	34.368	5.21	20	17.37	34.368	5.21	24.96	300	301	0.0600
30	17.37	34.334	5.30	30	17.37	34.334	5.30	24.93	303	303	0.0902
50	17.22	34.482	5.46	50	17.22	34.482	5.46	25.08	289	290	0.1496
75	16.65	34.591	4.97	75	16.65	34.591	4.97	25.30	268	270	0.2197
97	16.31	34.436	4.91	100	16.29	34.437	4.94	25.26	271	274	0.2877
121	16.21	34.448	5.21	125	16.18	34.420	5.31	25.28	270	273	0.3562
136	16.10	34.346	5.59								

GYUNGBUG 853 , STATION 208-06 , 34-58.2. N, 130-11.9. E, DEC.12.1988, 15:35 KST,
 DEPTH 135 , COLOR 3, TRANS. 13.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1025. ,
 ATR TEMP. DRY 12.3, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	17.01	34.316	6.10	0	17.01	34.316	6.10	25.00	296	296	0.0000
10	17.22	34.281	5.27	10	17.22	34.281	5.27	24.92	303	303	0.0299
20	17.24	34.300	5.79	20	17.24	34.300	5.79	24.93	302	303	0.0603
30	17.22	34.271	5.02	30	17.22	34.271	5.02	24.92	304	304	0.0907
50	17.21	34.295	6.16	50	17.21	34.295	6.16	24.94	302	303	0.1515
75	17.19	34.288	5.27	75	17.19	34.288	5.27	24.94	302	304	0.2275
98	17.12	34.315	6.33	100	17.10	34.317	6.29	24.98	298	300	0.3032
122	16.90	34.346	5.87								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

GYUNGBUG 853 , STATION 208-07 , 34-52.0. N, 130-20.9. E, DEC.12.1988, 16:55 KST,
 DEPTH 130 , COLOR 3, TRANS. 12.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 12.4, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	16.70	34.386	5.48	0	16.70	34.386	5.48	25.13	284	284	0.0000
10	17.01	33.989	5.58	10	17.01	33.989	5.58	24.75	320	320	0.0302
20	17.10	33.985	5.18	20	17.10	33.985	5.18	24.73	322	322	0.0623
30	17.10	34.350	5.49	30	17.10	34.350	5.49	25.01	295	296	0.0933
50	17.03	34.389	5.36	50	17.03	34.389	5.36	25.05	291	292	0.1522
75	17.02	34.390	5.49	75	17.02	34.390	5.49	25.06	291	293	0.2254
98	17.00	34.022	5.51	100	16.98	34.036	5.51	24.79	316	318	0.3019
122	16.81	34.194	5.59								

GYUNGBUG 853 , STATION 208-08 , 34-45.3. N, 130-30.6. E, DEC.12.1988, 18:15 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1024. ,
 AIR TEMP. DRY 12.9, WET , CLOUD. TYPE , AMT , WEATHER

0	16.50	34.284	5.29	0	16.50	34.284	5.29	25.10	287	287	0.0000
10	17.00	34.280	5.52	10	17.00	34.280	5.52	24.98	298	298	0.0292
20	17.00	34.252	5.79	20	17.00	34.252	5.79	24.95	300	301	0.0592
30	16.94	34.239	6.35	30	16.94	34.239	6.35	24.96	300	300	0.0893
50	16.94	34.247	5.49	50	16.94	34.247	5.49	24.97	299	300	0.1495
75	16.93	34.140	5.38	75	16.93	34.140	5.38	24.89	307	309	0.2258
97	16.92	34.142	5.24	100	16.84	34.149	5.18	24.91	304	307	0.3029
121	16.29	34.205	4.78								

GYUNGBUG 853 , STATION 208-09 , 34-38.9. N, 130-40.5. E, DEC.12.1988, 19:30 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1026. ,
 AIR TEMP. DRY 11.6, WET , CLOUD. TYPE , AMT , WEATHER

0	16.20	34.227	6.08	0	16.20	34.227	6.08	25.12	284	284	0.0000
10	16.71	34.292	5.96	10	16.71	34.292	5.96	25.05	291	291	0.0287
20	16.69	34.330	5.98	20	16.69	34.330	5.98	25.09	288	288	0.0577
30	16.68	34.366	5.10	30	16.68	34.366	5.10	25.12	285	285	0.0865
50	16.61	34.334	5.74	50	16.61	34.334	5.74	25.11	286	287	0.1438
75	16.53	34.213	5.17	75	16.53	34.213	5.17	25.04	293	295	0.2166
98	16.43	34.072	5.37	100	16.32	34.065	5.45	24.97	299	301	0.2912
123	15.06	33.985	6.38								

南海海洋調查成績

OCEANOGRAPHIC DATA : SOUTHERN WATERS

1988

207 線 海洋觀測 成績 Oceanographic Data. Line 207

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, FEB. 9.1988, 16:00 KST,
 DEPTH 83 , COLOR 5, TRANS. 6.0, WAVE SW 3, SWELL SW 1, WIND SW 5 , BARO 1021.5,
 AIR TEMP. DRY 4.2, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	10.17	34.320	5.81	0	10.17	34.320	5.81	26.41	162	162	0.0000
9	10.18	34.271	5.81	10	10.18	34.270	5.81	26.37	166	166	0.0164
20	10.19	34.267	5.81	20	10.19	34.267	5.81	26.36	166	167	0.0331
30	10.03	34.290	5.86	30	10.03	34.290	5.86	26.41	162	163	0.0496
50	10.38	34.300	5.86	50	10.38	34.300	5.86	26.36	167	168	0.0827
75	11.67	34.258	5.77	75	11.67	34.258	5.77	26.09	192	194	0.1281
77	11.46	*****	*****								

BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, FEB. 9.1988, 16:35 KST,
 DEPTH 101 , COLOR 5, TRANS. 9.0, WAVE SW 3, SWELL SW 1, WIND SW 5 , BARO 1021.5,
 AIR TEMP. DRY 4.0, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	12.19	34.336	5.77	0	12.19	34.336	5.77	26.05	196	196	0.0000
11	15.42	34.304	5.77	10	15.12	34.306	5.77	25.42	256	256	0.0226
20	15.29	34.276	5.67	20	15.29	34.276	5.67	25.36	261	262	0.0485
30	15.57	34.216	5.77	30	15.57	34.216	5.77	25.26	272	272	0.0752
50	15.86	34.249	5.72	50	15.86	34.249	5.72	25.22	275	277	0.1302
75	15.92	34.270	5.72	75	15.92	34.270	5.72	25.22	275	277	0.1995
97	15.26	34.283	5.72								

BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, FEB. 9.1988, 17:15 KST,
 DEPTH 114 , COLOR 4, TRANS. 11.0, WAVE SW 3, SWELL SW 1, WIND SW 5 , BARO 1021.5,
 AIR TEMP. DRY 4.3, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	13.57	34.523	5.67	0	13.57	34.523	5.67	25.92	208	208	0.0000
10	13.98	34.524	5.76	10	13.98	34.524	5.76	25.84	216	216	0.0212
20	14.44	34.542	5.81	20	14.44	34.542	5.81	25.75	224	225	0.0433
30	15.11	34.527	5.81	30	15.11	34.527	5.81	25.60	239	240	0.0666
50	15.30	34.367	5.77	50	15.30	34.367	5.77	25.43	255	256	0.1162
75	14.16	34.242	5.77	75	14.16	34.242	5.77	25.58	241	242	0.1787
100	12.54	34.214	5.72	100	12.54	34.214	5.72	25.89	211	214	0.2358
111	11.66	34.197	5.67								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-04 , 34-50.2. N, 129-19.5. E, FEB. 9.1988, 18:25 KST,
 DEPTH 212 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 5 , BARO 1022. ,
 AIR TEMP. DRY 4.2, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	12.07	34.478	5.62	0	12.07	34.478	5.62	26.18	183	183	0.0000
10	14.17	34.511	5.77	10	14.17	34.511	5.77	25.79	221	221	0.0202
20	13.69	34.572	5.57	20	13.69	34.572	5.57	25.93	207	207	0.0417
30	13.70	34.518	5.62	30	13.70	34.518	5.62	25.89	211	212	0.0627
51	13.66	34.605	5.57	50	13.66	34.600	5.57	25.96	204	205	0.1045
75	13.64	34.474	5.62	75	13.64	34.474	5.62	25.87	213	215	0.1572
100	13.64	34.443	5.57	100	13.64	34.443	5.57	25.85	216	218	0.2114
125	12.81	34.431	5.52	125	12.81	34.431	5.52	26.00	201	203	0.2642
150	10.55	34.254	5.57	150	10.55	34.254	5.57	26.29	173	176	0.3118
200	8.34	34.206	5.33	200	8.34	34.206	5.33	26.62	143	146	0.3925

BUSAN 852 , STATION 207-05 , 34-48.0. N, 129-21.8. E, FEB. 9.1988, 19:45 KST,
 DEPTH 160 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1022.5,
 AIR TEMP. DRY 4.2, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	14.32	34.632	5.66	0	14.32	34.632	5.66	25.85	215	215	0.0000
10	14.60	34.664	5.52	10	14.60	34.664	5.52	25.81	219	219	0.0217
20	14.47	*****	5.57	20	14.47	34.664	5.57	25.84	216	216	0.0435
30	14.35	34.665	5.82	30	14.35	34.665	5.82	25.87	213	214	0.0650
50	14.15	34.574	5.72	50	14.15	34.574	5.72	25.84	216	217	0.1082
75	13.85	34.506	5.72	75	13.85	34.506	5.72	25.85	215	217	0.1626
100	13.66	34.483	5.77	100	13.66	34.483	5.77	25.87	213	215	0.2167
125	13.51	34.474	5.66	125	13.51	34.474	5.66	25.90	211	214	0.2705
150	13.27	34.469	5.62	150	13.27	34.469	5.62	25.94	206	210	0.3236

4 月 (April)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, APR. 4.1988, 17:15 KST,
 DEPTH 83 , COLOR 3, TRANS. 11.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1013. ,
 AIR TEMP. DRY 13.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	13.86	34.682	6.30	0	13.86	34.682	6.30	25.98	202	202	0.0000
9	13.76	34.646	6.38	10	13.72	34.643	6.37	25.98	203	202	0.0202
21	13.34	34.620	6.33	20	13.37	34.622	6.33	26.04	197	197	0.0403
29	12.89	34.600	6.24	30	12.88	34.599	6.23	26.12	190	190	0.0597
51	12.84	34.595	6.10	50	12.84	34.595	6.10	26.12	189	190	0.0978
75	12.68	34.595	5.95	75	12.68	34.595	5.95	26.16	186	188	0.1451
81	12.19	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, APR. 9.1988, 17:40 KST,
 DEPTH 99 , COLOR 3, TRANS. 11.0, WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1021.5,
 ATR TEMP. DRY 12.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.41	34.679	6.29	0	14.41	34.679	6.29	25.87	214	213	0.0000
10	14.23	34.601	6.19	10	14.23	34.601	6.19	25.84	216	216	0.0215
20	14.28	34.690	6.15	20	14.28	34.690	6.15	25.90	210	210	0.0428
30	13.21	34.492	6.24	30	13.21	34.492	6.24	25.97	204	204	0.0636
49	12.12	34.454	6.14	50	12.08	34.451	6.13	26.16	186	186	0.1027
75	11.15	34.399	6.04	75	11.15	34.399	6.04	26.30	173	174	0.1480
96	11.15	34.399	6.04								

BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, APR. 9.1988, 18:35 KST,
 DEPTH 120 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1021.5,
 ATR TEMP. DRY 12.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	14.76	34.768	6.19	0	14.76	34.768	6.19	25.86	214	214	0.0000
10	14.70	34.788	6.33	10	14.70	34.788	6.33	25.89	212	212	0.0213
19	14.48	34.728	6.00	20	14.46	34.726	5.99	25.89	211	212	0.0425
30	14.36	34.711	5.91	30	14.36	34.711	5.91	25.90	210	211	0.0637
50	13.80	34.678	5.95	50	13.80	34.678	5.95	25.99	201	203	0.1051
75	13.25	34.710	6.03	75	13.25	34.710	6.03	26.13	188	190	0.1543
101	11.81	34.540	6.05	100	11.86	34.546	6.04	26.28	175	177	0.2003
112	11.79	34.508	*****								

BUSAN 852 , STATION 207-04 , 34-50.2. N, 129-19.5. E, APR. 9.1988, 19:35 KST,
 DEPTH 224 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1022. ,
 ATR TEMP. DRY 11.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.63	34.844	5.90	0	14.63	34.844	5.90	25.95	206	206	0.0000
10	14.69	34.820	6.05	10	14.69	34.820	6.05	25.91	209	209	0.0207
20	14.72	34.784	5.81	20	14.72	34.784	5.81	25.88	212	213	0.0419
30	14.69	34.758	5.81	30	14.69	34.758	5.81	25.87	214	214	0.0633
51	14.69	34.736	5.86	50	14.69	34.737	5.85	25.85	215	216	0.1064
74	14.54	34.721	5.87	75	14.53	34.721	5.87	25.87	213	215	0.1604
101	14.32	34.721	5.91	100	14.32	34.721	5.90	25.92	209	211	0.2138
125	13.52	34.748	5.86	125	13.52	34.748	5.86	26.11	191	194	0.2646
149	13.26	34.655	6.14	150	13.22	34.650	6.14	26.09	192	196	0.3134
200	11.44	34.430	6.14	200	11.44	34.430	6.14	26.27	176	180	0.4076
217	11.31	34.481	6.05								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-05 , 34-48.0. N, 129-21.8. E, APR. 9.1988, 20:15 KST,
 DEPTH 168 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 11.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.80	34.762	6.05	0	14.80	34.762	6.05	25.85	216	215	0.0000
11	14.83	34.729	6.00	10	14.82	34.732	6.00	25.82	218	218	0.0217
21	14.79	34.743	5.91	20	14.79	34.741	5.91	25.83	217	217	0.0435
30	14.78	34.746	6.00	30	14.78	34.746	6.00	25.84	216	217	0.0653
51	14.78	34.807	6.00	50	14.78	34.804	6.00	25.88	212	213	0.1084
76	14.73	34.786	5.81	75	14.73	34.786	5.81	25.88	212	214	0.1619
99	14.69	34.740	5.95	100	14.68	34.741	5.94	25.86	215	217	0.2159
126	14.47	34.770	5.81	125	14.47	34.768	5.81	25.92	208	212	0.2696
151	13.99	34.681	5.81	150	14.00	34.684	5.81	25.96	205	209	0.3223

6 月(June)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, JUN. 6.1988, 16:05 KST,
 DEPTH 83 , COLOR 3, TRANS. 12.0, WAVE SW 4, SWELL SW 2, WIND SW 5 , BARO 1010. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	17.13	33.652	5.89	0	17.13	33.652	5.89	24.47	347	347	0.0000
10	16.95	33.821	5.94	10	16.95	33.821	5.94	24.64	331	331	0.0339
20	15.41	33.925	5.78	20	15.41	33.925	5.78	25.07	290	290	0.0649
30	15.10	34.083	5.69	30	15.10	34.083	5.69	25.26	271	272	0.0931
50	14.53	34.092	5.43	50	14.53	34.092	5.43	25.39	259	260	0.1464
75	14.05	34.215	5.38	75	14.05	34.215	5.38	25.58	240	242	0.2093

BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, JUN. 6.1988, 16:55 KST,
 DEPTH 100 , COLOR 3, TRANS. 12.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1010. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	18.40	33.992	5.69	0	18.40	33.992	5.69	24.42	352	351	0.0000
10	18.40	34.089	5.94	10	18.40	34.089	5.94	24.49	344	344	0.0348
20	16.91	34.167	5.58	20	16.91	34.167	5.58	24.91	304	305	0.0673
30	14.57	34.215	5.43	30	14.57	34.215	5.43	25.47	251	251	0.0952
50	13.83	34.234	5.23	50	13.83	34.234	5.23	25.65	235	236	0.1440
75	13.87	34.296	5.18	75	13.87	34.296	5.18	25.68	231	233	0.2026
95	14.09	34.442	4.92								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, JUN. 6.1988, 17:40 KST,
 DEPTH 117 , COLOR 3, TRANS. 11.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1010. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	18.05	33.934	5.76	0	18.05	33.934	5.76	24.46	348	347	0.0000
10	17.92	33.917	5.74	10	17.92	33.917	5.74	24.48	346	346	0.0346
20	17.61	33.994	5.89	20	17.61	33.994	5.89	24.61	333	333	0.0686
30	16.03	33.913	5.69	30	16.03	33.913	5.69	24.92	304	304	0.1006
50	14.05	33.914	5.34	50	14.05	33.914	5.34	25.35	262	263	0.1574
75	15.10	34.433	5.13	75	15.10	34.433	5.13	25.53	246	248	0.2214
100	14.88	34.556	4.67	100	14.88	34.556	4.67	25.67	232	235	0.2819
115	14.97	34.589	4.57								

BUSAN 852 , STATION 207-04 , 34-50.2. N, 129-19.5. E, JUN. 6.1988, 18:30 KST,
 DEPTH 223 , COLOR 3, TRANS. 11.0, WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1010. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	19.72	34.229	5.63	0	19.72	34.229	5.63	24.26	366	366	0.0000
10	19.81	34.270	5.58	10	19.81	34.270	5.58	24.27	366	366	0.0366
20	19.50	34.365	5.58	20	19.50	34.365	5.58	24.42	351	351	0.0725
30	18.05	34.446	5.69	30	18.05	34.446	5.69	24.85	310	311	0.1056
50	16.20	34.443	5.58	50	16.20	34.443	5.58	25.29	269	270	0.1638
75	15.19	34.513	4.92	75	15.19	34.513	4.92	25.57	242	244	0.2281
100	15.15	34.592	4.67	100	15.15	34.592	4.67	25.64	235	238	0.2884
125	15.19	34.599	4.62	125	15.19	34.599	4.62	25.63	236	239	0.3481
150	14.31	34.593	4.72	150	14.31	34.593	4.72	25.82	218	222	0.4058
200	10.97	34.497	4.97	200	10.97	34.497	4.97	26.40	163	167	0.5032

BUSAN 852 , STATION 207-05 , 34-48.0. N, 129-21.8. E, JUN. 6.1988, 19:10 KST,
 DEPTH 168 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1010. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	20.51	34.468	5.43	0	20.51	34.468	5.43	24.24	369	368	0.0000
10	20.07	34.501	5.48	10	20.07	34.501	5.48	24.38	355	355	0.0362
20	19.55	34.589	5.13	20	19.55	34.589	5.13	24.58	336	336	0.0708
30	18.49	34.634	5.03	30	18.49	34.634	5.03	24.88	307	308	0.1031
50	17.13	34.626	4.92	50	17.13	34.626	4.92	25.21	276	277	0.1616
75	16.55	34.627	4.82	75	16.55	34.627	4.82	25.35	263	265	0.2295
100	15.85	34.621	5.08	100	15.85	34.621	5.08	25.50	248	251	0.2941
125	15.59	34.567	5.10	125	15.59	34.567	5.10	25.52	246	250	0.3567
150	15.23	34.539	4.87	150	15.23	34.539	4.87	25.58	241	245	0.4187
165	14.18	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, AUG. 8.1988, 17:15 KST,
 DEPTH 83 , COLOR 3, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1007.5,
 AIR TEMP. DRY 27.8, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	23.99	32.749	4.84	0	23.99	32.749	4.84	21.96	586	586	0.0000
9	23.18	32.696	4.94	10	23.01	32.705	4.92	22.21	562	562	0.0574
20	21.38	32.796	4.77	20	21.38	32.796	4.77	22.73	512	513	0.1112
29	16.01	32.853	4.38	30	15.99	32.925	4.36	24.17	375	376	0.1557
51	15.73	34.438	3.95	50	15.74	34.365	3.96	25.33	264	265	0.2199
75	15.54	34.439	3.86	75	15.54	34.439	3.86	25.43	255	257	0.2852

BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, AUG. 8.1988, 18:15 KST,
 DEPTH 100 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1006.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	26.93	32.756	4.71	0	26.93	32.756	4.71	21.07	672	671	0.0000
10	24.87	32.647	4.91	10	24.87	32.647	4.91	21.62	618	619	0.0645
19	23.12	32.620	5.15	20	23.07	32.643	5.10	22.15	568	569	0.1239
31	22.55	32.898	4.57	30	22.59	32.874	4.61	22.46	539	539	0.1793
50	16.01	34.331	4.44	50	16.01	34.331	4.44	25.25	273	274	0.2608
75	15.68	34.453	4.00	75	15.68	34.453	4.00	25.41	257	258	0.3274
97	15.10	34.463	4.20								

BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, AUG. 8.1988, 19:00 KST,
 DEPTH 116 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1007.5,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	27.32	32.633	4.55	0	27.32	32.633	4.55	20.85	692	692	0.0000
10	26.77	32.585	4.77	10	26.77	32.585	4.77	20.99	679	679	0.0685
20	24.65	33.048	5.02	20	24.65	33.048	5.02	21.99	583	584	0.1317
29	22.38	33.600	4.95	30	22.10	33.628	4.93	23.16	471	472	0.1845
51	16.32	34.237	4.62	50	16.59	34.208	4.63	25.02	294	296	0.2614
75	14.57	34.436	4.40	75	14.57	34.436	4.40	25.64	235	236	0.3280
102	14.48	34.496	4.25	100	14.48	34.491	4.26	25.71	229	231	0.3866
114	13.88	34.445	4.20								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-04 , 34-50.2. N, 129-19.5. E, AUG. 8.1988, 19:55 KST,
 DEPTH 219 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008. ,
 ATR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	27.56	32.586	4.61	0	27.56	32.586	4.61	20.74	703	703	0.0000
13	26.80	32.658	4.76	10	26.97	32.641	4.72	20.97	681	681	0.0692
19	24.88	33.318	5.07	20	24.65	33.351	5.05	22.22	562	562	0.1314
30	22.44	33.688	4.86	30	22.44	33.688	4.86	23.12	476	476	0.1834
50	18.11	34.233	4.57	50	18.11	34.233	4.57	24.67	327	328	0.2639
75	15.69	34.351	4.38	75	15.69	34.351	4.38	25.33	264	266	0.3384
100	14.54	34.459	4.05	100	14.54	34.459	4.05	25.67	232	235	0.4011
125	14.54	34.460	4.08	125	14.54	34.460	4.08	25.67	232	235	0.4600
150	14.47	34.448	4.03	150	14.47	34.448	4.03	25.68	232	236	0.5190
201	9.85	34.365	4.42	200	9.94	34.366	4.41	26.48	155	159	0.6179
217	9.81	34.353	4.42								

BUSAN 852 , STATION 207-05 , 34-48.0. N, 129-21.8. E, AUG. 8.1988, 20:30 KST,
 DEPTH 160 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008.5,
 ATR TEMP. DRY 26.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	27.43	32.571	4.65	0	27.43	32.571	4.65	20.77	700	700	0.0000
9	27.35	32.550	4.74	10	27.15	32.603	4.77	20.88	689	689	0.0695
19	25.40	33.081	5.11	20	25.14	33.156	5.08	21.92	590	590	0.1335
30	22.62	33.914	4.81	30	22.62	33.914	4.81	23.24	464	465	0.1863
51	17.41	34.251	4.50	50	17.65	34.234	4.51	24.78	317	318	0.2646
74	16.44	34.223	4.40	75	16.38	34.231	4.39	25.08	288	290	0.3407
100	14.92	34.447	4.30	100	14.92	34.447	4.30	25.58	241	244	0.4075
124	14.70	34.461	4.16	125	14.69	34.461	4.15	25.64	235	239	0.4679
150	14.57	34.466	4.00	150	14.57	34.466	4.00	25.67	233	236	0.5274

10月(October)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, OCT.10.1988, 16:50 KST,
 DEPTH 85 , COLOR 4, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1017. ,
 ATR TEMP. DRY 22.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	21.25	33.694	4.91	0	21.25	33.694	4.91	23.45	444	444	0.0000
10	21.00	33.660	5.04	10	21.00	33.660	5.04	23.49	440	440	0.0442
19	22.93	33.539	4.79	20	22.89	33.612	4.75	22.93	493	494	0.0909
30	22.50	34.344	4.43	30	22.50	34.344	4.43	23.60	430	431	0.1372
50	14.87	34.388	4.03	50	14.87	34.388	4.03	25.54	244	245	0.2049
75	14.74	34.376	3.78	75	14.74	34.376	3.78	25.56	243	244	0.2662
83	12.13	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, OCT.10.1988, 17:35 KST,
 DEPTH 97 , COLOR 3, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1018. ,
 AIR TEMP. DRY 22.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	23.80	33.890	4.86	0	23.80	33.890	4.86	22.88	498	498	0.0000
9	23.76	33.941	4.89	10	23.75	33.936	4.88	22.93	494	494	0.0496
20	23.71	33.889	4.79	20	23.71	33.889	4.79	22.90	496	496	0.0992
31	23.46	33.912	4.44	30	23.48	33.909	4.47	22.99	488	489	0.1485
50	17.61	34.328	4.29	50	17.61	34.328	4.29	24.87	309	310	0.2284
76	14.73	34.392	3.85	75	14.84	34.389	3.86	25.55	244	245	0.2980
94	12.43	34.323	4.03								

BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, OCT.10.1988, 18:15 KST,
 DEPTH 117 , COLOR 3, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1018.5,
 AIR TEMP. DRY 22.1, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	23.54	34.027	5.02	0	23.54	34.027	5.02	23.06	481	481	0.0000
8	23.63	33.980	4.92	10	23.62	33.977	4.90	23.00	487	487	0.0484
20	23.59	33.964	4.84	20	23.59	33.964	4.84	22.99	487	488	0.0972
30	23.47	33.958	4.74	30	23.47	33.958	4.74	23.03	484	485	0.1459
51	22.98	33.960	4.64	50	23.00	33.959	4.64	23.16	471	473	0.2418
75	15.07	34.278	3.98	75	15.07	34.278	3.98	25.41	257	258	0.3333
101	12.56	34.313	4.18	100	12.65	34.311	4.17	25.94	206	209	0.3917
111	9.98	34.290	4.23								

BUSAN 852 , STATION 207-04 , 34-50.2. N, 129-19.5. E, OCT.10.1988, 19:15 KST,
 DEPTH 218 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1017.5,
 AIR TEMP. DRY 22.1, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	23.90	34.223	4.73	0	23.90	34.223	4.73	23.10	477	477	0.0000
11	23.82	34.207	4.84	10	23.82	34.208	4.83	23.11	476	476	0.0477
19	23.82	34.209	5.08	20	23.81	34.209	5.06	23.11	476	476	0.0953
29	23.76	34.217	4.92	30	23.75	34.218	4.90	23.14	474	474	0.1429
50	23.71	34.243	4.61	50	23.71	34.243	4.61	23.17	470	472	0.2376
76	17.75	33.862	4.19	75	17.97	33.876	4.20	24.43	350	352	0.3407
99	15.65	34.206	3.88	100	15.62	34.215	3.87	25.24	273	275	0.4192
125	14.99	34.450	3.78	125	14.99	34.450	3.78	25.56	242	245	0.4845
150	11.83	34.453	3.69	150	11.83	34.453	3.69	26.21	181	184	0.5383
200	6.92	34.354	4.08	200	6.92	34.354	4.08	26.94	112	115	0.6132
207	6.81	34.236	4.44								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-05 , 34-48.0. N, 129-21.8. E, OCT.10.1988, 20:00 KST,
 DEPTH 160 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1018. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	23.84	34.177	4.84	0	23.84	34.177	4.84	23.08	479	479	0.0000
11	23.92	34.177	4.84	10	23.91	34.177	4.84	23.06	481	481	0.0480
21	23.87	34.162	4.89	20	23.87	34.163	4.88	23.06	481	481	0.0961
30	23.83	34.176	4.74	30	23.83	34.176	4.74	23.08	479	479	0.1442
51	23.66	34.206	4.84	50	23.66	34.204	4.83	23.15	472	473	0.2396
75	20.44	*****	4.08	75	20.44	34.294	4.08	24.12	380	382	0.3466
99	18.79	34.382	3.85	100	18.68	34.384	3.85	24.65	330	332	0.4360
125	15.93	34.441	3.89	125	15.93	34.441	3.89	25.35	263	266	0.5109
150	13.77	34.419	3.78	150	13.77	34.419	3.78	25.80	220	224	0.5723
155	11.41	*****	*****								

12月(December)

BUSAN 852 , STATION 207-01 , 35-01.3. N, 129-07.2. E, DEC. 6.1988, 17:05 KST,
 DEPTH 83 , COLOR 6, TRANS. 3.0, WAVE SSW 3, SWELL WSW 1, WIND SW 4 , BARO 1018.5,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	13.87	34.095	5.49	0	13.87	34.095	5.49	25.53	246	245	0.0000
10	13.86	34.130	5.46	10	13.86	34.130	5.46	25.56	243	243	0.0244
20	13.87	34.109	5.25	20	13.87	34.109	5.25	25.54	245	245	0.0488
30	13.88	34.105	5.34	30	13.88	34.105	5.34	25.54	245	246	0.0734
50	13.80	34.115	5.12	50	13.80	34.115	5.12	25.56	243	244	0.1224
75	13.76	34.135	5.10	75	13.76	34.135	5.10	25.58	241	242	0.1833

BUSAN 852 , STATION 207-02 , 34-57.6. N, 129-11.2. E, DEC. 6.1988, 18:10 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE SW 3, SWELL WSW 1, WIND SW 4 , BARO 1019. ,
 AIR TEMP. DRY 11.4, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	16.26	34.323	5.25	0	16.26	34.323	5.25	25.18	279	278	0.0000
10	16.77	34.314	5.22	10	16.77	34.314	5.22	25.06	291	291	0.0285
20	16.60	34.308	5.21	20	16.60	34.308	5.21	25.09	287	288	0.0574
30	15.93	34.215	5.05	30	15.93	34.215	5.05	25.17	279	280	0.0858
50	14.98	34.116	5.11	50	14.98	34.116	5.11	25.31	267	268	0.1407
75	14.82	34.198	4.95	75	14.82	34.198	4.95	25.41	257	259	0.2066
86	15.10	34.330	4.68								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 207-03 , 34-53.9. N, 129-15.4. E, DEC. 6.1988, 19:05 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE WSW 4, SWELL WSW 2, WIND SW 5 , BARO 1019. ,
 AIR TEMP. DRY 11.6, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	14.92	34.272	5.09	0	14.92	34.272	5.09	25.44	254	254	0.0000
10	15.93	34.273	5.11	10	15.93	34.273	5.11	25.22	275	275	0.0264
20	15.94	34.269	5.11	20	15.94	34.269	5.11	25.21	276	276	0.0540
30	15.92	34.238	5.08	30	15.92	34.238	5.08	25.19	278	278	0.0818
50	15.45	34.203	4.96	50	15.45	34.203	4.96	25.27	270	271	0.1368
75	15.23	34.211	4.83	75	15.23	34.211	4.83	25.33	265	267	0.2042
100	14.89	34.211	4.95	100	14.89	34.211	4.95	25.40	258	260	0.2701

BUSAN 852 , STATION 207-04 , 34-50.2. N, 129-19.5. E, DEC. 6.1988, 20:05 KST,
 DEPTH 221 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1019. ,
 AIR TEMP. DRY 11.8, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	17.98	34.437	5.10	0	17.98	34.437	5.10	24.86	309	309	0.0000
10	18.21	34.443	5.13	10	18.21	34.443	5.13	24.81	314	314	0.0312
20	18.22	34.441	5.06	20	18.22	34.441	5.06	24.80	315	315	0.0627
30	18.08	34.366	5.00	30	18.08	34.366	5.00	24.78	317	317	0.0943
50	16.12	34.169	5.02	50	16.12	34.169	5.02	25.10	287	288	0.1550
75	15.88	34.199	5.01	75	15.88	34.199	5.01	25.17	280	281	0.2263
100	15.46	34.199	4.92	100	15.46	34.199	4.92	25.27	271	273	0.2957
125	14.21	34.339	4.31	125	14.21	34.339	4.31	25.65	235	238	0.3596
150	9.68	34.321	4.03	150	9.68	34.321	4.03	26.49	154	157	0.4091
184	7.81	34.236	4.43								

BUSAN 852 , STATION 207-05 , 34-48.0. N, 129-21.8. E, DEC. 6.1988, 20:40 KST,
 DEPTH 175 , COLOR , TRANS. , WAVE WSW 3, SWELL WSW 1, WIND SW 3 , BARO 1019. ,
 AIR TEMP. DRY 12.2, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	18.09	34.433	5.18	0	18.09	34.433	5.18	24.83	312	312	0.0000
10	18.24	34.455	5.10	10	18.24	34.455	5.10	24.81	314	314	0.0313
20	18.24	34.448	5.18	20	18.24	34.448	5.18	24.80	315	315	0.0628
30	18.25	34.426	4.96	30	18.25	34.426	4.96	24.79	316	317	0.0944
50	17.18	34.321	5.03	50	17.18	34.321	5.03	24.97	299	301	0.1563
75	16.27	34.251	4.95	75	16.27	34.251	4.95	25.12	284	286	0.2297
100	16.27	34.228	4.87	100	16.27	34.228	4.87	25.11	286	288	0.3017
125	15.09	34.412	4.37	125	15.09	34.412	4.37	25.51	247	250	0.3691
150	9.25	34.325	3.94	150	9.25	34.325	3.94	26.56	147	150	0.4193
163	7.73	34.294	4.35								

206 線 海洋觀測 成績 Oceanographic Data. Line 206

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 206-01 , 34-35.5. N, 128-34.5. E, FEB.10.1988, 05:25 KST,
 DEPTH 69 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 5 , BARO 1025. ,
 AIR TEMP. DRY 0.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	13.45	34.554	5.67	0	13.45	34.554	5.67	25.97	204	203	0.0000
10	13.51	34.610	5.67	10	13.51	34.610	5.67	26.00	201	201	0.0202
20	12.70	34.370	5.72	20	12.70	34.370	5.72	25.98	203	203	0.0405
30	12.40	34.365	5.81	30	12.40	34.365	5.81	26.03	198	198	0.0606
50	12.22	34.384	5.52	50	12.22	34.384	5.52	26.08	193	194	0.0999
65	12.13	34.295	5.57								

BUSAN 852 , STATION 206-02 , 34-29.6. N, 128-41.2. E, FEB.10.1988, 04:20 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE W 3, SWELL W 2, WIND W 6 , BARO 1024.5,
 AIR TEMP. DRY 1.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	13.88	34.646	5.62	0	13.88	34.646	5.62	25.95	205	205	0.0000
10	14.39	34.651	5.57	10	14.39	34.651	5.57	25.85	215	215	0.0210
20	14.43	34.632	5.57	20	14.43	34.632	5.57	25.83	217	218	0.0427
30	14.27	34.604	5.62	30	14.27	34.604	5.62	25.84	216	217	0.0645
50	14.19	34.576	5.52	50	14.19	34.576	5.52	25.83	217	218	0.1081
70	14.12	34.554	5.57								

BUSAN 852 , STATION 206-03 , 34-22.4. N, 128-49.7. E, FEB.10.1988, 03:10 KST,
 DEPTH 102 , COLOR , TRANS. , WAVE W 3, SWELL W 2, WIND W 5 , BARO 1022.5,
 AIR TEMP. DRY 2.1, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	13.68	34.643	5.62	0	13.68	34.643	5.62	25.99	202	201	0.0000
10	14.06	34.664	5.62	10	14.06	34.664	5.62	25.93	208	208	0.0205
20	14.08	34.699	5.62	20	14.08	34.699	5.62	25.95	206	206	0.0412
30	14.06	34.642	5.62	30	14.06	34.642	5.62	25.91	209	210	0.0620
50	13.99	34.612	5.67	50	13.99	34.612	5.67	25.90	210	211	0.1042
75	13.90	34.597	5.62	75	13.90	34.597	5.62	25.91	209	211	0.1571
100	13.59	34.556	5.72	100	13.59	34.556	5.72	25.94	206	209	0.2097

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-04 , 34-15.3. N, 128-58.0. E, FEB.10.1988, 02:05 KST,
 DEPTH 112 , COLOR , TRANS. , WAVE W 3, SWELL W 2, WIND W 5 , BARO 1023. ,
 AIR TEMP. DRY 2.8, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	13.63	34.662	5.67	0	13.63	34.662	5.67	26.02	199	199	0.0000
10	14.17	34.660	5.62	10	14.17	34.660	5.62	25.90	210	210	0.0205
20	13.94	*****	5.72	20	13.94	34.621	5.72	25.92	208	209	0.0415
30	13.66	34.583	5.67	30	13.66	34.583	5.67	25.95	206	206	0.0622
50	13.55	34.538	5.67	50	13.55	34.538	5.67	25.94	207	208	0.1038
75	13.34	34.512	5.67	75	13.34	34.512	5.67	25.96	205	206	0.1556
100	13.13	34.513	5.77	100	13.13	34.513	5.77	26.00	201	203	0.2069

BUSAN 852 , STATION 206-05 , 34-08.1. N, 129-06.3. E, FEB.10.1988, 00:15 KST,
 DEPTH 128 , COLOR , TRANS. , WAVE W 3, SWELL W 2, WIND W 5 , BARO 1023. ,
 AIR TEMP. DRY 3.2, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	15.68	34.768	5.37	0	15.68	34.768	5.37	25.66	234	233	0.0000
10	15.51	34.749	5.37	10	15.51	34.749	5.37	25.68	231	231	0.0232
20	16.09	34.755	5.37	20	16.09	34.755	5.37	25.55	243	244	0.0470
30	16.10	34.748	5.33	30	16.10	34.748	5.33	25.54	244	245	0.0715
50	16.09	34.748	5.47	50	16.09	34.748	5.47	25.55	244	245	0.1206
75	16.09	34.739	5.52	75	16.09	34.739	5.52	25.54	245	247	0.1822
100	16.07	34.775	5.57	100	16.07	34.775	5.57	25.57	242	244	0.2437
125	16.04	34.751	5.33	125	16.04	34.751	5.33	25.56	243	246	0.3051

4 月 (April)

BUSAN 852 , STATION 206-01 , 34-35.5. N, 128-34.5. E, APR.10.1988, 04:55 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1024. ,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.53	34.437	6.48	0	11.53	34.437	6.48	26.25	177	176	0.0000
9	11.63	34.435	6.48	10	11.62	34.439	6.48	26.24	178	178	0.0177
20	11.61	34.486	6.53	20	11.61	34.486	6.53	26.28	175	175	0.0354
31	11.59	34.443	6.36	30	11.59	34.446	6.37	26.25	177	177	0.0531
51	11.60	34.493	6.26	50	11.59	34.490	6.26	26.28	174	175	0.0884
58	11.56	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-02 , 34-29.6. N, 128-41.2. E, APR.10.1988, 04:05 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1023.5,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.64	34.646	6.38	0	12.64	34.646	6.38	26.20	182	181	0.0000
10	12.80	34.647	6.29	10	12.80	34.647	6.29	26.17	184	184	0.0183
21	12.75	34.674	6.35	20	12.75	34.671	6.34	26.20	182	182	0.0367
30	12.75	34.634	6.24	30	12.75	34.634	6.24	26.17	184	185	0.0550
49	12.74	34.658	6.19	50	12.73	34.657	6.19	26.19	183	184	0.0920
73	12.72	34.641	6.19								

BUSAN 852 , STATION 206-03 , 34-22.4. N, 128-49.7. E, APR.10.1988, 02:50 KST,
 DEPTH 100 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1023.5,
 AIR TEMP. DRY 11.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.85	34.623	6.43	0	12.85	34.623	6.43	26.14	187	187	0.0000
9	12.93	34.542	6.33	10	12.88	34.542	6.30	26.08	194	194	0.0190
20	12.43	34.550	6.05	20	12.43	34.550	6.05	26.17	185	185	0.0380
29	12.38	34.606	6.00	30	12.38	34.603	6.00	26.22	180	180	0.0563
50	12.39	34.552	6.00	50	12.39	34.552	6.00	26.18	184	185	0.0929
74	12.35	34.567	6.10	75	12.34	34.565	6.09	26.20	182	184	0.1391
96	12.34	34.533	6.00								

BUSAN 852 , STATION 206-04 , 34-15.3. N, 128-58.0. E, APR.10.1988, 01:45 KST,
 DEPTH 113 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1023.5,
 AIR TEMP. DRY 12.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.76	34.676	6.37	0	12.76	34.676	6.37	26.20	182	181	0.0000
11	12.78	34.588	6.30	10	12.77	34.596	6.30	26.14	188	188	0.0185
20	12.41	34.589	6.26	20	12.41	34.589	6.26	26.21	181	182	0.0370
31	11.62	34.601	6.17	30	11.69	34.599	6.17	26.35	168	168	0.0545
49	11.65	34.556	5.91	50	11.67	34.554	5.91	26.32	171	172	0.0886
75	12.34	34.509	6.03	75	12.34	34.509	6.03	26.16	186	188	0.1336
101	11.71	34.493	6.05	100	11.73	34.493	6.04	26.26	176	178	0.1794
111	11.66	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-05 , 34-08.1. N, 129-06.3. E, APR.10.1988, 00:30 KST,
 DEPTH 132 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1023.5,
 AIR TEMP. DRY 12.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.23	34.810	6.19	0	14.23	34.810	6.19	26.01	200	200	0.0000
9	15.88	34.809	6.36	10	15.88	34.809	6.35	25.64	235	235	0.0218
20	15.89	34.809	6.29	20	15.89	34.809	6.29	25.64	235	235	0.0453
31	16.05	34.804	6.23	30	16.03	34.804	6.23	25.60	239	239	0.0691
49	15.73	34.639	6.24	50	15.68	34.639	6.24	25.55	243	244	0.1176
75	14.62	34.646	6.24	75	14.62	34.646	6.24	25.80	220	222	0.1760
100	14.05	34.517	6.09	100	14.05	34.517	6.09	25.82	218	221	0.2315
126	12.23	34.375	5.94	125	12.30	34.380	5.94	26.06	195	197	0.2839

6 月(June)

BUSAN 852 , STATION 206-01 , 34-35.5. N, 128-34.5. E, JUN. 7.1988, 04:00 KST,
 DEPTH 69 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1010. ,
 AIR TEMP. DRY 17.6, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.94	33.760	5.79	0	15.94	33.760	5.79	24.82	313	313	0.0000
10	15.67	33.740	5.74	10	15.67	33.740	5.74	24.87	309	309	0.0311
20	15.41	33.763	5.74	20	15.41	33.763	5.74	24.94	301	302	0.0616
30	15.01	33.831	5.53	30	15.01	33.831	5.53	25.08	288	289	0.0912
50	14.66	33.885	5.53	50	14.66	33.885	5.53	25.20	277	278	0.1479
65	14.27	33.909	5.40								

BUSAN 852 , STATION 206-02 , 34-29.6. N, 128-41.2. E, JUN. 7.1988, 03:00 KST,
 DEPTH 74 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1010. ,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.40	34.018	5.67	0	18.40	34.018	5.67	24.44	350	349	0.0000
10	19.02	34.286	5.68	10	19.02	34.286	5.68	24.49	345	345	0.0347
20	18.89	34.232	5.53	20	18.89	34.232	5.53	24.48	346	346	0.0693
30	17.65	*****	5.33	30	17.65	34.194	5.33	24.76	319	320	0.1027
50	14.31	34.119	5.18	50	14.31	34.119	5.18	25.46	253	254	0.1601
70	14.27	34.124	5.28								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-03 , 34-22.4. N, 128-49.7. E, JUN. 7.1988, 02:00 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1010. ,
 ATR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	18.93	34.115	5.58	0	18.93	34.115	5.58	24.38	355	355	0.0000
10	18.75	34.324	5.58	10	18.75	34.324	5.58	24.58	336	336	0.0345
20	18.40	34.246	5.60	20	18.40	34.246	5.60	24.61	333	333	0.0680
30	17.96	33.874	5.49	30	17.96	33.874	5.49	24.44	350	350	0.1023
50	15.01	34.459	5.17	50	15.01	34.459	5.17	25.57	242	243	0.1617
75	15.15	34.524	4.82	75	15.15	34.524	4.82	25.59	240	242	0.2225
90	15.15	34.512	4.92								

BUSAN 852 , STATION 206-04 , 34-15.3. N, 128-58.0. E, JUN. 7.1988, 00:50 KST,
 DEPTH 123 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 1 , BARO 1011.5,
 ATR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	18.89	33.928	5.58	0	18.89	33.928	5.58	24.25	368	368	0.0000
10	17.57	33.857	5.69	10	17.57	33.857	5.69	24.52	342	342	0.0355
20	17.35	33.940	5.99	20	17.35	33.940	5.99	24.63	331	331	0.0692
30	16.07	33.841	5.49	30	16.07	33.841	5.49	24.86	310	310	0.1013
50	14.57	34.143	5.23	50	14.57	34.143	5.23	25.42	256	257	0.1582
75	13.87	34.188	5.18	75	13.87	34.188	5.18	25.60	239	240	0.2205
100	13.91	34.158	4.98	100	13.91	34.158	4.98	25.57	242	244	0.2812
120	13.96	*****	*****								

BUSAN 852 , STATION 206-05 , 34-08.1. N, 129-06.3. E, JUN. 6.1988, 23:40 KST,
 DEPTH 142 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1011.5,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.51	34.428	5.36	0	20.51	34.428	5.36	24.21	372	371	0.0000
10	20.25	34.405	5.37	10	20.25	34.405	5.37	24.26	367	367	0.0369
20	20.16	34.576	5.38	20	20.16	34.576	5.38	24.41	352	352	0.0729
30	19.59	34.654	5.03	30	19.59	34.654	5.03	24.62	332	333	0.1072
50	18.01	34.691	4.85	50	18.01	34.691	4.85	25.05	292	293	0.1699
75	16.42	34.673	4.67	75	16.42	34.673	4.67	25.41	257	259	0.2389
100	15.89	34.641	4.57	100	15.89	34.641	4.57	25.51	247	250	0.3026
125	15.76	34.648	5.03	125	15.76	34.648	5.03	25.55	244	247	0.3649
140	15.72	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

BUSAN 852 , STATION 206-01 , 34-35.5. N, 128-34.5. E, AUG. 9.1988, 05:25 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1008.5,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	25.16	32.704	4.93	0	25.16	32.704	4.93	21.58	623	622	0.0000
11	24.47	32.675	5.06	10	24.53	32.677	5.04	21.75	607	607	0.0615
19	23.59	32.702	4.76	20	23.24	32.749	4.74	22.18	566	566	0.1201
31	19.50	33.272	4.56	30	19.84	33.224	4.57	23.47	442	443	0.1706
51	15.41	34.146	4.25	50	15.61	34.102	4.26	25.16	281	282	0.2432
69	15.10	34.231	4.05								

BUSAN 852 , STATION 206-02 , 34-29.6. N, 128-41.2. E, AUG. 9.1988, 04:25 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008.5,
 AIR TEMP. DRY 26.1, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	25.93	32.739	4.81	0	25.93	32.739	4.81	21.37	643	642	0.0000
9	25.53	32.704	4.86	10	25.32	32.712	4.84	21.54	627	627	0.0635
19	23.47	32.788	4.71	20	23.43	32.880	4.69	22.22	561	561	0.1229
30	23.05	33.809	4.58	30	23.05	33.809	4.58	23.03	484	484	0.1753
51	14.52	34.370	4.29	50	14.92	34.343	4.30	25.50	249	250	0.2488
76	14.49	34.410	4.15	75	14.49	34.408	4.15	25.64	235	237	0.3097

BUSAN 852 , STATION 206-03 , 34-22.4. N, 128-49.7. E, AUG. 9.1988, 03:20 KST,
 DEPTH 100 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008.5,
 AIR TEMP. DRY 26.1, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	25.96	32.741	4.86	0	25.96	32.741	4.86	21.36	644	643	0.0000
11	24.81	32.709	5.19	10	24.91	32.711	5.16	21.66	615	615	0.0629
19	23.75	32.849	4.81	20	23.71	32.948	4.78	22.19	564	564	0.1219
31	23.28	34.042	4.50	30	23.31	33.942	4.52	23.06	481	482	0.1743
51	18.88	34.435	4.25	50	19.10	34.415	4.26	24.56	338	339	0.2565
76	14.61	34.466	4.23	75	14.78	34.464	4.23	25.62	237	239	0.3288
97	14.58	34.503	3.90								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-04 , 34-15.3. N, 128-58.0. E, AUG. 9.1988, 02:15 KST,
 DEPTH 128 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008.5,
 AIR TEMP. DRY 26.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	25.98	32.948	4.88	0	25.98	32.948	4.88	21.51	629	629	0.0000
11	23.78	33.026	4.91	10	23.98	33.018	4.90	22.17	566	566	0.0598
22	23.14	32.915	4.62	20	23.25	32.935	4.67	22.31	552	553	0.1158
33	23.14	34.118	4.45	30	23.14	33.789	4.49	22.99	487	488	0.1678
52	19.26	34.419	4.25	50	19.66	34.387	4.27	24.40	353	355	0.2522
76	14.63	34.475	4.15	75	14.82	34.472	4.15	25.62	237	239	0.3266
100	14.40	34.448	4.06	100	14.40	34.448	4.06	25.69	230	233	0.3857
125	14.38	34.502	3.91	125	14.38	34.502	3.91	25.74	226	229	0.4435

BUSAN 852 , STATION 206-05 , 34-08.1. N, 129-06.3. E, AUG. 9.1988, 00:30 KST,
 DEPTH 120 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008.5,
 AIR TEMP. DRY 26.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	26.31	32.767	4.98	0	26.31	32.767	4.98	21.27	652	652	0.0000
10	24.13	32.672	5.11	10	24.13	32.672	5.11	21.86	596	596	0.0624
20	23.24	32.959	4.91	20	23.24	32.959	4.91	22.34	550	550	0.1197
30	21.22	33.407	4.85	30	21.22	33.407	4.85	23.24	464	464	0.1705
50	16.13	33.782	4.49	50	16.13	33.782	4.49	24.80	315	316	0.2487
75	15.02	34.423	4.17	75	15.02	34.423	4.17	25.54	245	247	0.3192
100	14.91	*****	4.17	100	14.91	34.441	4.17	25.57	241	244	0.3807
117	14.87	34.454	4.27								

10月(October)

BUSAN 852 , STATION 206-01 , 34-35.5. N, 128-34.5. E, OCT.11.1988, 04:30 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1015. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	23.42	33.344	4.81	0	23.42	33.344	4.81	22.58	527	527	0.0000
10	23.86	33.346	4.71	10	23.86	33.346	4.71	22.45	539	539	0.0533
21	23.75	33.484	4.54	20	23.76	33.471	4.55	22.57	528	528	0.1067
29	23.53	33.796	4.46	30	23.41	33.802	4.44	22.92	494	495	0.1579
50	21.02	33.923	4.13	50	21.02	33.923	4.13	23.69	421	423	0.2497
73	17.15	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-02 , 34-29.6. N, 128-41.2. E, OCT.11.1988, 03:20 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1015. ,
 AIR TEMP. DRY 21.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	22.60	33.833	4.98	0	22.60	33.833	4.98	23.18	470	469	0.0000
11	22.91	33.837	4.89	10	22.88	33.836	4.89	23.10	477	477	0.0473
21	23.17	33.825	4.94	20	23.14	33.826	4.93	23.02	485	485	0.0955
31	23.22	33.836	4.94	30	23.21	33.834	4.94	23.01	486	487	0.1441
49	20.22	33.816	4.37	50	20.04	33.832	4.35	23.88	403	404	0.2333
75	15.60	34.248	3.96	75	15.60	34.248	3.96	25.27	270	272	0.3180

BUSAN 852 , STATION 206-03 , 34-22.4. N, 128-49.7. E, OCT.11.1988, 02:18 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1015.5,
 AIR TEMP. DRY 21.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	23.25	33.836	4.94	0	23.25	33.836	4.94	23.00	487	487	0.0000
11	24.41	33.852	4.89	10	24.30	33.850	4.89	22.70	516	516	0.0501
21	24.83	33.830	4.94	20	24.78	33.832	4.93	22.54	531	531	0.1025
29	24.75	33.768	4.86	30	24.72	33.792	4.84	22.53	532	532	0.1557
50	24.16	34.277	4.47	50	24.16	34.277	4.47	23.06	481	482	0.2572
75	15.41	34.250	3.88	75	15.41	34.250	3.88	25.32	266	268	0.3511
100	15.41	34.286	3.95	100	15.41	34.286	3.95	25.35	263	266	0.4178

BUSAN 852 , STATION 206-04 , 34-15.3. N, 128-58.0. E, OCT.11.1988, 01:15 KST,
 DEPTH 128 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1016.5,
 AIR TEMP. DRY 21.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	26.26	34.238	4.96	0	26.26	34.238	4.96	22.39	545	544	0.0000
11	26.45	34.212	5.02	10	26.43	34.214	5.01	22.32	551	552	0.0548
19	26.48	34.220	4.89	20	26.48	34.223	4.89	22.31	552	553	0.1100
30	26.48	34.254	4.89	30	26.48	34.254	4.89	22.34	550	551	0.1653
51	26.40	34.190	4.54	50	26.40	34.193	4.55	22.32	552	553	0.2758
75	22.04	34.132	4.03	75	22.04	34.132	4.03	23.56	433	435	0.3995
99	17.04	34.366	3.78	100	16.97	34.370	3.77	25.05	291	294	0.4907
125	15.47	34.490	3.73	125	15.47	34.490	3.73	25.49	249	253	0.5592

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-05 , 34-08.1. N, 129-06.3. E, OCT.11.1988, 00:15 KST,
 DEPTH 138 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1017. ,
 AIR TEMP. DRY 21.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	26.34	34.206	4.94	0	26.34	34.206	4.94	22.35	549	549	0.0000
11	25.99	34.154	4.99	10	26.02	34.158	4.98	22.41	543	543	0.0546
20	25.58	34.154	4.84	20	25.58	34.154	4.84	22.54	530	531	0.1084
31	25.75	34.291	4.68	30	25.73	34.278	4.69	22.59	526	527	0.1613
51	25.33	34.541	4.53	50	25.35	34.528	4.53	22.89	497	498	0.2639
75	22.87	34.553	4.39	75	22.87	34.553	4.39	23.65	425	427	0.3797
100	19.54	34.472	3.75	100	19.54	34.472	3.75	24.49	344	347	0.4765
124	19.04	34.549	3.80	125	19.03	*****	*****	*****	***	***	*****
135	18.94	*****	*****								

12月(December)

BUSAN 852 , STATION 206-01 , 34-35.5. N, 128-34.5. E, DEC. 7.1988, 06:35 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1018.5,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE , AMT 06, WEATHER BC

0	15.44	34.266	5.04	0	15.44	34.266	5.04	25.32	265	265	0.0000
10	15.72	34.264	4.94	10	15.72	34.264	4.94	25.26	271	271	0.0268
20	14.86	34.188	5.00	20	14.86	34.188	5.00	25.39	259	259	0.0534
30	13.87	34.024	5.34	30	13.87	34.024	5.34	25.47	251	251	0.0789
51	13.73	34.013	5.46	50	13.73	34.013	5.45	25.49	249	250	0.1292
66	13.77	34.138	4.85								

BUSAN 852 , STATION 206-02 , 34-29.6. N, 128-41.2. E, DEC. 7.1988, 05:30 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1018.5,
 AIR TEMP. DRY 15.3, WET , CLOUD. TYPE , AMT 06, WEATHER BC

0	15.19	34.272	5.11	0	15.19	34.272	5.11	25.38	260	259	0.0000
10	15.23	34.292	5.19	10	15.23	34.292	5.19	25.39	259	259	0.0259
20	15.04	34.180	5.15	20	15.04	34.180	5.15	25.35	263	263	0.0521
30	14.60	34.179	5.26	30	14.60	34.179	5.26	25.44	254	255	0.0780
50	14.45	34.132	5.30	50	14.45	34.132	5.30	25.44	255	256	0.1291
75	13.71	*****	4.63	75	13.71	*****	4.63	*****	***	***	*****

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 206-03 , 34-22.4. N, 128-49.7. E, DEC. 7.1988, 04:20 KST,
 DEPTH 105 , COLOR , TRANS. , WAVE SW 4, SWELL SW 2, WIND S 5 , BARO 1018. ,
 AIR TEMP. DRY 16.0, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	17.26	34.421	5.11	0	17.26	34.421	5.11	25.02	294	294	0.0000
10	17.38	34.336	5.08	10	17.38	34.336	5.08	24.93	303	303	0.0298
20	17.01	34.291	4.99	20	17.01	34.291	4.99	24.98	298	298	0.0599
30	16.80	34.241	4.92	30	16.80	34.241	4.92	24.99	297	297	0.0897
50	15.99	34.176	4.84	50	15.99	34.176	4.84	25.13	284	285	0.1480
75	15.25	34.261	4.69	75	15.25	34.261	4.69	25.36	262	263	0.2166
100	14.60	34.176	4.50	100	14.60	34.176	4.50	25.44	254	257	0.2818

BUSAN 852 , STATION 206-04 , 34-15.3. N, 128-58.0. E, DEC. 7.1988, 03:05 KST,
 DEPTH 136 , COLOR , TRANS. , WAVE SW 4, SWELL SW 2, WIND SW 5 , BARO 1018. ,
 AIR TEMP. DRY 15.4, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	18.14	34.511	5.18	0	18.14	34.511	5.18	24.88	308	307	0.0000
10	18.22	34.484	5.06	10	18.22	34.484	5.06	24.84	312	312	0.0309
20	17.78	34.394	5.10	20	17.78	34.394	5.10	24.88	308	308	0.0620
30	16.93	34.358	5.18	30	16.93	34.358	5.18	25.05	291	292	0.0920
50	16.06	34.584	5.00	50	16.06	34.584	5.00	25.43	255	256	0.1469
75	15.83	34.332	4.86	75	15.83	34.332	4.86	25.29	269	271	0.2129
100	14.36	34.293	4.64	100	14.36	34.293	4.64	25.58	241	243	0.2773
125	14.30	34.232	4.60	125	14.30	34.232	4.60	25.54	244	247	0.3387

BUSAN 852 , STATION 206-05 , 34-08.1. N, 129-06.3. E, DEC. 7.1988, 02:00 KST,
 DEPTH 135 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND S 4 , BARO 1019. ,
 AIR TEMP. DRY 15.4, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	18.76	34.513	5.17	0	18.76	34.513	5.17	24.72	322	322	0.0000
10	18.97	34.498	5.06	10	18.97	34.498	5.06	24.66	328	328	0.0325
20	18.96	34.477	5.08	20	18.96	34.477	5.08	24.65	330	330	0.0655
30	18.96	34.516	5.02	30	18.96	34.516	5.02	24.68	327	327	0.0984
50	18.98	34.535	5.09	50	18.98	34.535	5.09	24.69	326	327	0.1640
75	18.79	34.564	4.75	75	18.79	34.564	4.75	24.76	319	321	0.2452
100	16.45	34.568	4.55	100	16.45	34.568	4.55	25.33	265	268	0.3189
125	15.82	34.551	4.22	125	15.82	34.551	4.22	25.46	253	256	0.3845

205 線 海洋觀測 成績 Oceanographic Data. Line 205

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, FEB.11.1988, 01:45 KST,
 DEPTH 51 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026.5,
 AIR TEMP. DRY 4.4, WET , CLOUD. TYPE CS, AMT 04, WEATHER BC

0	8.98	33.982	6.40	0	8.98	33.982	6.40	26.34	169	168	0.0000
10	9.03	33.982	6.50	10	9.03	33.982	6.50	26.33	169	169	0.0169
20	9.11	33.992	6.40	20	9.11	33.992	6.40	26.33	170	170	0.0339
30	9.18	34.019	6.35	30	9.18	34.019	6.35	26.34	169	169	0.0509
48	9.24	34.015	6.35								

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, FEB.11.1988, 00:55 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1027. ,
 AIR TEMP. DRY 4.5, WET , CLOUD. TYPE CS, AMT 04, WEATHER BC

0	9.21	33.980	6.25	0	9.21	33.980	6.25	26.30	172	172	0.0000
10	9.23	34.012	6.35	10	9.23	34.012	6.35	26.32	170	170	0.0171
20	9.24	33.981	6.40	20	9.24	33.981	6.40	26.30	173	173	0.0343
30	9.28	34.039	6.45	30	9.28	34.039	6.45	26.34	169	169	0.0514
50	9.37	34.056	6.30	50	9.37	34.056	6.30	26.34	169	170	0.0854

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, FEB.10.1988, 23:10 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1027. ,
 AIR TEMP. DRY 4.6, WET , CLOUD. TYPE CS, AMT 03, WEATHER BC

0	11.91	34.356	5.96	0	11.91	34.356	5.96	26.12	189	189	0.0000
10	11.91	34.358	5.96	10	11.91	34.358	5.96	26.12	189	189	0.0189
20	11.41	34.342	6.01	20	11.41	34.342	6.01	26.20	182	182	0.0375
30	11.25	34.354	5.96	30	11.25	34.354	5.96	26.24	178	178	0.0556
50	11.23	34.198	6.16	50	11.23	34.198	6.16	26.12	189	190	0.0925
75	8.27	33.905	5.90	75	8.27	33.905	5.90	26.39	164	165	0.1370

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, FEB.10.1988, 21:45 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 3 , BARO 1027.5,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	11.60	34.398	5.61	0	11.60	34.398	5.61	26.21	181	181	0.0000
10	11.60	34.352	5.71	10	11.60	34.352	5.71	26.18	184	184	0.0182
20	11.57	34.283	5.76	20	11.57	34.283	5.76	26.13	189	189	0.0369
30	10.45	34.088	5.61	30	10.45	34.088	5.61	26.18	184	184	0.0557
50	9.97	33.944	5.61	50	9.97	33.944	5.61	26.15	187	188	0.0929
75	10.03	33.982	5.40	75	10.03	33.982	5.40	26.17	185	186	0.1398

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, FEB.10.1988, 20:05 KST,
 DEPTH 112 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 3 , BARO 1027. ,
 AIR TEMP. DRY 5.1, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	15.86	34.327	5.32	0	15.86	34.327	5.32	25.28	270	269	0.0000
10	15.91	34.400	5.42	10	15.91	34.400	5.42	25.32	265	265	0.0267
20	15.88	34.738	5.32	20	15.88	34.738	5.32	25.59	240	240	0.0521
30	15.88	34.711	5.37	30	15.88	34.711	5.37	25.57	242	243	0.0763
50	15.87	34.715	5.37	50	15.87	34.715	5.37	25.57	242	243	0.1249
75	14.57	34.707	5.27	75	14.57	34.707	5.27	25.85	215	217	0.1825
100	11.77	34.659	5.22	100	11.77	34.659	5.22	26.38	165	167	0.2305

4 月 (April)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, APR.11.1988, 00:20 KST,
 DEPTH 52 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025.5,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.17	33.795	6.40	0	11.17	33.795	6.40	25.82	218	217	0.0000
11	10.48	33.838	6.40	10	10.54	33.834	6.40	25.96	204	204	0.0211
20	10.58	33.940	6.33	20	10.58	33.940	6.33	26.04	197	197	0.0412
30	10.87	34.186	6.10	30	10.87	34.186	6.10	26.18	184	184	0.0603
50	11.73	34.313	6.05	50	11.73	34.313	6.05	26.12	189	190	0.0979

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, APR.10.1988, 23:30 KST,
 DEPTH 61 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025.5,
 AIR TEMP. DRY 11.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.73	34.019	6.24	0	11.73	34.019	6.24	25.89	211	211	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	11.12	34.038	6.29	10	11.12	34.038	6.29	26.02	199	199	0.0205
20	11.24	34.134	6.29	20	11.24	34.134	6.29	26.07	194	194	0.0402
31	11.90	34.330	6.05	30	11.84	34.312	6.07	26.10	191	192	0.0595
50	11.90	34.408	6.05	50	11.90	34.408	6.05	26.16	185	186	0.0975
59	11.90	*****	*****								

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, APR.10.1988, 22:20 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025.5,
 AIR TEMP. DRY 12.5, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.98	34.547	6.14	0	12.98	34.547	6.14	26.06	195	195	0.0000
11	12.97	34.552	6.25	10	12.97	34.551	6.24	26.07	195	195	0.0195
21	12.69	34.517	6.05	20	12.71	34.520	6.07	26.09	192	192	0.0389
30	12.33	34.442	5.95	30	12.33	34.442	5.95	26.11	191	191	0.0581
50	12.25	34.461	6.00	50	12.25	34.461	6.00	26.14	188	189	0.0962
74	12.25	34.453	5.85	75	12.25	*****	*****	*****	***	***	*****
82	12.25	*****	*****								

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, APR.10.1988, 21:00 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025.5,
 AIR TEMP. DRY 12.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.23	34.220	6.19	0	12.23	34.220	6.19	25.95	205	205	0.0000
10	12.15	34.233	6.33	10	12.15	34.233	6.33	25.98	203	203	0.0204
20	12.07	34.356	6.19	20	12.07	34.356	6.19	26.09	192	193	0.0402
30	12.78	34.450	6.10	30	12.78	34.450	6.10	26.02	199	199	0.0598
49	12.94	34.479	5.95	50	12.91	34.477	5.95	26.02	199	200	0.0998
75	12.40	34.437	5.95	75	12.40	34.437	5.95	26.09	192	194	0.1492
84	12.40	*****	*****								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, APR.10.1988, 19:20 KST,
 DEPTH 120 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.58	34.810	5.91	0	15.58	34.810	5.91	25.71	228	228	0.0000
11	15.05	34.781	6.01	10	15.09	34.783	6.00	25.80	220	220	0.0224
20	14.92	34.751	5.91	20	14.92	34.751	5.91	25.81	219	219	0.0444
30	15.09	34.737	5.81	30	15.09	34.737	5.81	25.76	223	224	0.0666

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	15.10	34.772	6.06	50	15.10	34.772	6.06	25.79	221	222	0.1114
75	14.92	34.724	5.91	75	14.92	34.724	5.91	25.79	221	223	0.1671
101	14.31	34.659	5.86	100	14.33	34.661	5.86	25.87	213	216	0.2220
118	13.60	34.559	5.61								

6 月(June)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, JUN.11.1988, 03:00 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1003. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	18.14	33.340	5.61	0	18.14	33.340	5.61	23.98	393	393	0.0000
10	16.69	33.558	5.81	10	16.69	33.558	5.81	24.50	344	344	0.0368
20	16.11	33.595	5.52	20	16.11	33.595	5.52	24.66	329	329	0.0705
30	15.59	33.659	5.45	30	15.59	33.659	5.45	24.82	313	313	0.1027
50	14.57	33.743	5.39	50	14.57	33.743	5.39	25.11	285	286	0.1627

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, JUN.11.1988, 02:10 KST,
 DEPTH 59 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1003. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	17.74	33.534	5.86	0	17.74	33.534	5.86	24.23	369	369	0.0000
10	17.74	33.487	5.91	10	17.74	33.487	5.91	24.19	373	373	0.0371
20	16.69	33.644	5.52	20	16.69	33.644	5.52	24.56	338	338	0.0727
30	14.57	33.920	5.25	30	14.57	33.920	5.25	25.25	272	273	0.1033
50	14.53	34.131	5.00	50	14.53	34.131	5.00	25.42	256	257	0.1564
55	14.49	*****	*****								

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, JUN.11.1988, 01:05 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1003. ,
 AIR TEMP. DRY 17.9, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	17.87	33.600	5.57	0	17.87	33.600	5.57	24.25	368	367	0.0000
10	15.81	33.723	5.90	10	15.81	33.723	5.90	24.82	313	313	0.0340
20	14.93	33.910	5.61	20	14.93	33.910	5.61	25.16	281	281	0.0637
30	14.27	33.924	5.37	30	14.27	33.924	5.37	25.31	266	267	0.0912
50	13.08	33.940	5.13	50	13.08	33.940	5.13	25.57	242	243	0.1422
75	13.08	33.924	5.00	75	13.08	33.924	5.00	25.56	243	244	0.2032

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, JUN.10.1988, 23:40 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 3 , BARO 1003. ,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	17.70	33.350	5.83	0	17.70	33.350	5.83	24.10	382	382	0.0000
10	17.65	33.702	5.61	10	17.65	33.702	5.61	24.38	355	355	0.0368
20	15.85	34.211	5.56	20	15.85	34.211	5.56	25.19	278	278	0.0686
30	14.49	34.246	5.38	30	14.49	34.246	5.38	25.52	247	247	0.0949
50	14.53	34.404	5.12	50	14.53	34.404	5.12	25.63	236	237	0.1435
75	15.28	34.545	4.63	75	15.28	34.545	4.63	25.57	241	243	0.2037
85	15.28	34.565	4.67								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, JUN.10.1988, 22:00 KST,
 DEPTH 114 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1002. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	21.40	34.264	5.26	0	21.40	34.264	5.26	23.84	406	406	0.0000
10	21.27	34.250	5.32	10	21.27	34.250	5.32	23.87	404	404	0.0405
20	21.14	34.220	5.48	20	21.14	34.220	5.48	23.88	403	403	0.0809
30	20.47	34.468	5.38	30	20.47	34.468	5.38	24.25	368	368	0.1196
50	19.54	34.484	5.00	50	19.54	34.484	5.00	24.50	343	345	0.1910
75	15.42	34.452	4.84	75	15.42	34.452	4.84	25.47	251	253	0.2658
100	15.38	34.542	4.64	100	15.38	34.542	4.64	25.55	244	246	0.3283
110	15.38	34.562	4.51								

8 月(August)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, AUG.11.1988, 01:45 KST,
 DEPTH 48 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1002. ,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.59	32.342	4.65	0	27.59	32.342	4.65	20.55	722	721	0.0000
12	26.44	32.680	4.70	10	26.63	32.623	4.69	21.06	672	672	0.0697
20	24.71	32.819	4.35	20	24.71	32.819	4.35	21.80	601	602	0.1334
30	24.21	33.805	4.19	30	24.21	33.805	4.19	22.69	516	517	0.1894
46	15.89	34.080	*****								

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, AUG.11.1988, 01:00 KST,
 DEPTH 54 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1002. ,
 AIR TEMP. DRY 26.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.81	32.292	4.78	0	27.81	32.292	4.78	20.44	732	732	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
11	27.21	32.709	4.96	10	27.26	32.671	4.94	20.90	688	688	0.0710
20	25.47	32.702	4.81	20	25.47	32.702	4.81	21.48	632	632	0.1370
31	23.92	32.873	4.55	30	24.06	32.857	4.57	22.02	580	581	0.1977
50	15.20	34.142	3.78	50	15.20	34.142	3.78	25.28	269	270	0.2830

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, AUG.11.1988, 00:50 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1002. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	28.87	32.355	4.86	0	28.87	32.355	4.86	20.14	761	760	0.0000
10	27.47	32.651	4.95	10	27.47	32.651	4.95	20.82	696	696	0.0728
19	26.32	32.764	4.96	20	26.23	32.783	4.96	21.31	649	649	0.1401
29	25.45	32.959	4.96	30	25.15	33.019	4.92	21.82	600	600	0.2026
50	19.16	34.236	4.20	50	19.16	34.236	4.20	24.41	352	353	0.2980
75	14.56	34.441	3.90	75	14.56	34.441	3.90	25.65	234	236	0.3718

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, AUG.10.1988, 22:35 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NE 5, SWELL NE 3, WIND NE 6 , BARO 1002. ,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	29.59	32.464	4.65	0	29.59	32.464	4.65	19.98	776	776	0.0000
10	27.36	32.420	4.66	10	27.36	32.420	4.66	20.68	709	709	0.0742
20	25.60	32.679	5.06	20	25.60	32.679	5.06	21.43	637	638	0.1416
30	25.36	32.830	5.10	30	25.36	32.830	5.10	21.61	619	620	0.2045
50	20.61	33.683	4.60	50	20.61	33.683	4.60	23.61	428	429	0.3096
75	14.53	34.407	4.05	75	14.53	34.407	4.05	25.63	236	238	0.3931
80	14.47	*****	*****								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, AUG.10.1988, 20:50 KST,
 DEPTH 112 , COLOR , TRANS. , WAVE NE 5, SWELL NE 3, WIND NE 6 , BARO 1001.5,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	29.89	31.019	4.53	0	29.89	31.019	4.53	18.80	890	889	0.0000
12	29.86	31.927	4.61	10	29.86	31.775	4.59	19.37	834	834	0.0862
20	29.45	32.335	5.01	20	29.45	32.335	5.01	19.93	781	781	0.1670
31	25.74	33.211	5.05	30	26.07	33.131	5.04	21.62	619	620	0.2371
51	17.41	33.788	4.56	50	17.82	33.759	4.58	24.38	355	356	0.3348
74	16.05	34.291	4.25	75	15.98	34.296	4.25	25.22	275	277	0.4140
99	14.51	34.431	4.27	100	14.50	*****	*****	*****	***	***	*****
109	14.49	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, OCT.16.1988, 07:30 KST,
 DEPTH 57 , COLOR 5, TRANS. 8.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1016. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	21.19	33.687	5.11	0	21.19	33.687	5.11	23.46	443	442	0.0000
9	21.51	33.686	5.09	10	21.53	33.689	5.08	23.37	452	452	0.0447
20	21.75	33.721	4.99	20	21.75	33.721	4.99	23.33	455	455	0.0901
30	21.93	33.804	4.89	30	21.93	33.804	4.89	23.35	454	454	0.1356
50	17.99	34.352	3.77	50	17.99	34.352	3.77	24.79	316	317	0.2129

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, OCT.16.1988, 06:40 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1016. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	23.48	33.675	5.01	0	23.48	33.675	5.01	22.81	505	505	0.0000
9	23.43	33.679	4.94	10	23.42	33.681	4.94	22.83	503	503	0.0504
21	23.36	33.712	4.97	20	23.36	33.709	4.96	22.87	499	500	0.1006
29	23.30	33.703	4.84	30	23.08	33.731	4.78	22.97	490	491	0.1502
51	18.58	34.337	3.58	50	18.79	34.308	3.63	24.56	338	339	0.2332
55	14.87	*****	*****								

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, OCT.16.1988, 05:30 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1016. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	24.43	33.668	5.04	0	24.43	33.668	5.04	22.52	532	532	0.0000
10	24.42	33.628	4.96	10	24.42	33.628	4.96	22.50	535	535	0.0533
21	24.31	33.621	5.04	20	24.32	33.621	5.03	22.52	532	533	0.1068
30	24.04	33.800	4.54	30	24.04	33.800	4.54	22.74	512	512	0.1591
50	18.29	34.344	3.79	50	18.29	34.344	3.79	24.71	323	325	0.2429
76	16.21	34.372	3.75	75	16.29	34.370	3.75	25.21	276	278	0.3183

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, OCT.16.1988, 04:00 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1015. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	23.42	33.847	4.89	0	23.42	33.847	4.89	22.96	491	491	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
9	22.64	33.859	5.04	10	22.75	33.865	5.02	23.16	471	471	0.0481
20	23.93	33.930	4.91	20	23.93	33.930	4.91	22.87	499	500	0.0967
30	23.04	34.094	4.38	30	23.04	34.094	4.38	23.25	463	463	0.1449
51	20.50	34.376	3.88	50	20.62	34.362	3.90	24.13	379	381	0.2294
74	18.58	34.318	3.81	75	18.47	34.321	3.80	24.65	329	331	0.3185
94	16.56	34.392	3.78								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, OCT.16.1988, 02:00 KST,
 DEPTH 120 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1016. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	21.77	34.106	4.92	0	21.77	34.106	4.92	23.62	428	427	0.0000
10	21.92	34.051	4.94	10	21.92	34.051	4.94	23.54	436	436	0.0431
21	21.84	34.040	4.96	20	21.84	34.041	4.95	23.55	434	435	0.0867
29	21.80	34.292	4.58	30	21.67	34.295	4.54	23.79	411	412	0.1291
50	19.21	34.371	3.78	50	19.21	34.371	3.78	24.50	343	345	0.2049
76	17.59	34.366	3.83	75	17.65	34.366	3.82	24.89	307	309	0.2867
99	14.98	34.410	3.63	100	14.97	34.413	3.68	25.54	245	247	0.3563
109	14.91	34.441	4.18								

12月(December)

BUSAN 852 , STATION 205-01 , 34-22.3. N, 127-48.5. E, DEC.13.1988, 02:35 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND S 3 , BARO 1020. ,
 AIR TEMP. DRY 12.8, WET , CLOUD. TYPE , AMT 05, WEATHER BC

0	13.86	33.986	5.69	0	13.86	33.986	5.69	25.45	253	253	0.0000
10	13.83	33.986	5.65	10	13.83	33.986	5.65	25.45	253	253	0.0253
21	13.78	33.990	5.70	20	13.78	33.989	5.69	25.47	252	252	0.0506
30	13.30	33.998	5.71	30	13.30	33.998	5.71	25.57	242	242	0.0753
51	12.48	33.959	5.74	50	12.51	33.960	5.73	25.70	230	231	0.1227

BUSAN 852 , STATION 205-02 , 34-15.0. N, 127-52.1. E, DEC.13.1988, 01:50 KST,
 DEPTH 61 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1020. ,
 AIR TEMP. DRY 12.6, WET , CLOUD. TYPE , AMT 07, WEATHER BC

0	12.61	33.956	5.89	0	12.61	33.956	5.89	25.68	232	231	0.0000
11	12.61	33.921	5.77	10	12.61	33.924	5.78	25.65	234	234	0.0233

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	12.34	33.903	5.77	20	12.34	33.903	5.77	25.69	231	231	0.0466
29	12.30	33.891	5.61	30	12.28	33.891	5.60	25.69	231	231	0.0697
50	12.07	33.896	5.49	50	12.07	33.896	5.49	25.73	226	227	0.1156
55	11.50	*****	*****								

BUSAN 852 , STATION 205-03 , 34-05.5. N, 127-56.9. E, DEC.13.1988, 00:45 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1020. ,
 AIR TEMP. DRY 13.4, WET , CLOUD. TYPE , AMT 07, WEATHER BC

0	17.53	34.192	5.26	0	17.53	34.192	5.26	24.78	317	316	0.0000
11	17.49	34.146	5.43	10	17.49	34.150	5.41	24.76	319	319	0.0318
20	17.49	34.158	5.32	20	17.49	34.158	5.32	24.77	318	319	0.0637
30	17.43	34.122	5.17	30	17.43	34.122	5.17	24.75	320	320	0.0957
49	17.22	34.010	5.10	50	17.15	34.009	5.09	24.73	321	323	0.1600
75	15.59	34.008	5.04	75	15.59	34.008	5.04	25.09	287	289	0.2366

BUSAN 852 , STATION 205-04 , 33-51.5. N, 128-03.0. E, DEC.12.1988, 23:15 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SSW 3 , BARO 1020. ,
 AIR TEMP. DRY 14.2, WET , CLOUD. TYPE , AMT 06, WEATHER BC

0	17.73	34.510	5.14	0	17.73	34.510	5.14	24.98	298	298	0.0000
10	19.38	34.561	5.41	10	19.38	34.561	5.41	24.60	334	334	0.0316
21	20.40	34.503	5.25	20	20.30	34.508	5.26	24.32	361	361	0.0664
30	20.61	34.513	5.14	30	20.61	34.513	5.14	24.24	368	369	0.1029
50	20.01	34.587	4.98	50	20.01	34.587	4.98	24.46	348	349	0.1748
75	19.80	34.577	4.82	75	19.80	34.577	4.82	24.51	343	345	0.2616
93	19.47	34.587	4.66								

BUSAN 852 , STATION 205-05 , 33-37.3. N, 128-09.2. E, DEC.12.1988, 21:25 KST,
 DEPTH 120 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 3 , BARO 1020.5,
 AIR TEMP. DRY 14.0, WET , CLOUD. TYPE , AMT 07, WEATHER BC

0	18.45	34.545	5.21	0	18.45	34.545	5.21	24.83	313	312	0.0000
11	18.42	34.514	5.28	10	18.42	34.516	5.27	24.81	314	314	0.0313
21	18.37	34.514	5.09	20	18.37	34.514	5.10	24.82	313	313	0.0627
30	18.36	34.526	5.14	30	18.36	34.526	5.14	24.83	312	312	0.0941
49	18.37	34.496	5.24	50	18.36	34.495	5.23	24.81	314	315	0.1569
74	18.32	34.487	5.01	75	18.31	34.487	5.00	24.82	313	315	0.2359
101	18.12	34.495	4.98	100	18.12	34.494	4.98	24.87	309	311	0.3144
117	15.61	34.596	4.72								

204 線 海洋觀測 成績 Oceanographic Data. Line 204

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, FEB.11.1988, 02:30 KST,
 DEPTH 36 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 4.3, WET , CLOUD. TYPE CS, AMT 04, WEATHER BC

0	9.85	34.191	6.30	0	9.85	34.191	6.30	26.36	167	166	0.0000
10	9.86	34.140	6.25	10	9.86	34.140	6.25	26.32	171	170	0.0168
20	9.92	34.143	6.25	20	9.92	34.143	6.25	26.31	171	171	0.0340
30	9.89	34.181	6.25	30	9.89	34.181	6.25	26.35	168	168	0.0510

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, FEB.11.1988, 03:25 KST,
 DEPTH 33 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 4.1, WET , CLOUD. TYPE CS, AMT 04, WEATHER BC

0	11.52	34.430	6.21	0	11.52	34.430	6.21	26.25	177	177	0.0000
10	11.57	34.513	5.96	10	11.57	34.513	5.96	26.31	172	172	0.0174
20	11.62	34.507	6.01	20	11.62	34.507	6.01	26.29	173	173	0.0347
30	11.63	34.530	6.01	30	11.63	34.530	6.01	26.31	172	172	0.0520

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, FEB.11.1988, 04:30 KST,
 DEPTH 44 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1025. ,
 AIR TEMP. DRY 4.2, WET , CLOUD. TYPE CS, AMT 04, WEATHER BC

0	10.87	34.348	6.01	0	10.87	34.348	6.01	26.31	172	172	0.0000
10	10.87	34.354	6.06	10	10.87	34.354	6.06	26.31	171	171	0.0171
20	10.94	34.355	5.96	20	10.94	34.355	5.96	26.30	173	173	0.0344
30	10.96	34.388	6.11	30	10.96	34.388	6.11	26.32	170	171	0.0516
42	11.01	34.462	6.06								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, FEB.12.1988, 09:55 KST,
 DEPTH 82 , COLOR 3, TRANS. 10.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 5.8, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	11.78	34.629	5.72	0	11.78	34.629	5.72	26.36	167	167	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
11	14.31	34.628	5.57	10	14.08	34.628	5.58	25.90	211	211	0.0189
20	14.55	34.631	5.67	20	14.55	34.631	5.67	25.80	220	220	0.0405
29	14.73	34.604	5.57	30	14.71	34.596	5.58	25.74	226	226	0.0629
50	14.45	34.444	5.86	50	14.45	34.444	5.86	25.68	232	233	0.1089
75	14.32	34.429	5.86	75	14.32	34.429	5.86	25.69	230	232	0.1671

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, FEB.12.1988, 11:20 KST,
 DEPTH 96 , COLOR 3, TRANS. 10.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1024. ,
 AIR TEMP. DRY 6.4, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	13.85	34.713	5.77	0	13.85	34.713	5.77	26.01	200	200	0.0000
10	14.41	34.718	5.63	10	14.41	34.718	5.63	25.90	211	211	0.0205
20	14.94	34.732	5.68	20	14.94	34.732	5.68	25.79	221	221	0.0422
31	14.99	34.646	5.62	30	14.98	34.653	5.62	25.72	227	228	0.0646
50	14.48	34.595	5.72	50	14.48	34.595	5.72	25.79	221	222	0.1098
75	13.92	34.450	5.86	75	13.92	34.450	5.86	25.79	221	222	0.1655
92	13.25	34.429	5.81								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, FEB.12.1988, 12:30 KST,
 DEPTH 130 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1022.5,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	13.81	34.660	5.72	0	13.81	34.660	5.72	25.98	203	203	0.0000
10	13.86	34.602	5.67	10	13.86	34.602	5.67	25.92	208	208	0.0205
19	13.68	34.638	5.62	20	13.67	34.628	5.62	25.98	203	203	0.0412
31	13.67	34.524	5.62	30	13.67	34.533	5.62	25.91	210	210	0.0619
50	13.95	34.520	5.72	50	13.95	34.520	5.72	25.84	216	217	0.1047
74	13.96	34.549	5.62	75	13.95	34.548	5.62	25.86	214	216	0.1589
99	13.87	34.524	5.67	100	13.86	34.525	5.67	25.86	214	216	0.2131
124	13.81	34.561	5.72	125	13.78	*****	*****	*****	***	***	*****
128	13.72	*****	*****								

4 月 (April)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, APR.11.1988, 01:00 KST,
 DEPTH 44 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025.5,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	10.53	33.774	6.61	0	10.53	33.774	6.61	25.92	209	208	0.0000
9	10.28	33.754	6.62	10	10.27	33.757	6.60	25.95	206	206	0.0207

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	10.27	33.793	6.43	20	10.27	33.793	6.43	25.98	203	203	0.0412
29	10.28	33.847	6.22	30	10.27	*****	*****	*****	***	***	*****
42	10.27	*****	*****								

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, APR.11.1988, 02:00 KST,
 DEPTH 33 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025.5,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.05	33.878	6.29	0	11.05	33.878	6.29	25.91	210	209	0.0000
11	11.03	33.847	6.24	10	11.03	33.849	6.24	25.89	211	211	0.0210
21	10.76	33.860	6.24	20	10.78	33.858	6.24	25.94	207	207	0.0420
31	10.71	33.873	6.19	30	10.71	33.871	6.19	25.96	204	205	0.0626

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, APR.11.1988, 03:00 KST,
 DEPTH 44 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1025. ,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.47	33.878	6.29	0	11.47	33.878	6.29	25.83	217	217	0.0000
9	10.62	33.914	6.24	10	10.61	33.919	6.23	26.02	199	199	0.0208
20	10.61	33.969	6.19	20	10.61	33.969	6.19	26.06	195	196	0.0406
31	11.11	34.072	6.19	30	11.06	34.062	6.19	26.05	196	197	0.0602
42	11.10	*****	*****								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, APR.14.1988, 10:20 KST,
 DEPTH 84 , COLOR 4, TRANS. 6.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1017.5,
 AIR TEMP. DRY 10.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	10.22	33.913	6.38	0	10.22	33.913	6.38	26.08	193	193	0.0000
10	10.28	33.863	6.38	10	10.28	33.863	6.38	26.03	198	198	0.0195
20	11.68	34.204	6.24	20	11.68	34.204	6.24	26.05	197	197	0.0393
30	12.44	34.444	5.95	30	12.44	34.444	5.95	26.09	193	193	0.0588
51	13.59	34.410	5.95	50	13.53	34.411	5.95	25.84	216	217	0.0999
76	14.09	34.409	5.81	75	14.07	34.409	5.81	25.73	227	228	0.1557

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, APR.14.1988, 11:25 KST,
 DEPTH 97 , COLOR 3, TRANS. 13.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1017.5,
 AIR TEMP. DRY 11.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.55	34.657	5.95	0	12.55	34.657	5.95	26.23	179	179	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
11	14.62	34.775	5.95	10	14.43	34.764	5.95	25.93	208	208	0.0193
21	14.66	34.700	5.81	20	14.65	34.707	5.82	25.83	217	217	0.0406
31	14.72	34.670	5.86	30	14.71	34.673	5.85	25.80	220	221	0.0625
51	14.87	34.689	5.81	50	14.86	34.688	5.81	25.78	222	223	0.1071
76	14.28	34.649	5.71	75	14.30	34.650	5.71	25.87	214	215	0.1620
92	14.30	34.624	5.61								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, APR.14.1988, 12:25 KST,
 DEPTH 118 , COLOR 3, TRANS. 10.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1017.5,
 AIR TEMP. DRY 10.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.23	34.786	5.86	0	14.23	34.786	5.86	25.99	202	202	0.0000
11	14.39	34.663	5.95	10	14.37	34.674	5.94	25.87	213	213	0.0208
21	14.36	34.691	5.81	20	14.36	34.688	5.82	25.88	212	212	0.0421
31	14.37	34.641	5.81	30	14.36	34.646	5.81	25.85	215	216	0.0635
50	14.40	34.643	5.85	50	14.40	34.643	5.85	25.84	216	217	0.1069
76	13.99	34.651	5.81	75	14.00	34.650	5.81	25.93	208	209	0.1604
100	13.82	34.708	5.71	100	13.82	34.708	5.71	26.01	200	202	0.2119
114	13.75	34.654	5.71								

6 月(June)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, JUN.11.1988, 03:40 KST,
 DEPTH 39 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1002.5,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.89	33.350	5.71	0	18.89	33.350	5.71	23.81	410	410	0.0000
10	17.87	33.357	5.88	10	17.87	33.357	5.88	24.06	385	385	0.0397
20	16.73	33.440	5.61	20	16.73	33.440	5.61	24.40	353	354	0.0767
30	15.41	33.678	5.35	30	15.41	33.678	5.35	24.88	308	308	0.1099

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, JUN.11.1988, 04:45 KST,
 DEPTH 34 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1002.5,
 AIR TEMP. DRY 17.6, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	18.14	33.449	5.73	0	18.14	33.449	5.73	24.07	385	385	0.0000
10	16.86	33.484	5.87	10	16.86	33.484	5.87	24.40	353	353	0.0369
20	15.06	33.608	5.66	20	15.06	33.608	5.66	24.90	305	306	0.0699
30	14.93	33.617	5.33	30	14.93	33.617	5.33	24.94	302	303	0.1003

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, JUN.11.1988, 05:50 KST,
 DEPTH 51 , COLOR 3, TRANS. 12.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1002.5,
 AIR TEMP. DRY 17.9, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	17.87	33.576	5.62	0	17.87	33.576	5.62	24.23	369	369	0.0000
10	17.13	33.594	5.62	10	17.13	33.594	5.62	24.42	351	351	0.0360
20	15.81	33.647	6.01	20	15.81	33.647	6.01	24.77	318	319	0.0695
30	13.83	33.866	5.64	30	13.83	33.866	5.64	25.36	262	262	0.0986
45	13.56	33.834	5.32								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, JUN.12.1988, 08:40 KST,
 DEPTH 83 , COLOR 3, TRANS. 14.0, WAVE NE 1, SWELL NE 1, WIND NE 1 , BARO 1001. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	18.23	33.068	5.60	0	18.23	33.068	5.60	23.75	415	414	0.0000
10	19.11	33.089	5.58	10	19.11	33.089	5.58	23.55	434	434	0.0424
20	18.23	33.333	5.98	20	18.23	33.333	5.98	23.96	395	396	0.0840
30	16.69	33.946	5.53	30	16.69	33.946	5.53	24.79	316	316	0.1196
50	13.30	34.040	5.27	50	13.30	34.040	5.27	25.60	239	240	0.1753
75	13.30	33.964	5.08	75	13.30	33.964	5.08	25.55	244	246	0.2361

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, JUN.12.1988, 09:50 KST,
 DEPTH 98 , COLOR 3, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1000.5,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	20.65	34.278	5.49	0	20.65	34.278	5.49	24.05	386	386	0.0000
10	19.90	34.340	5.40	10	19.90	34.340	5.40	24.30	363	363	0.0374
20	18.71	34.300	5.53	20	18.71	34.300	5.53	24.57	337	337	0.0725
30	18.40	34.413	5.47	30	18.40	34.413	5.47	24.74	321	322	0.1054
50	16.91	34.521	5.14	50	16.91	34.521	5.14	25.18	279	280	0.1657
75	15.28	34.573	4.88	75	15.28	34.573	4.88	25.59	239	241	0.2309
90	14.88	34.556	4.83								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, JUN.12.1988, 11:00 KST,
 DEPTH 120 , COLOR 3, TRANS. 12.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1001. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	20.91	34.163	5.38	0	20.91	34.163	5.38	23.90	401	401	0.0000
10	20.51	34.183	5.41	10	20.51	34.183	5.41	24.02	389	389	0.0395

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	19.94	34.340	5.25	20	19.94	34.340	5.25	24.29	364	364	0.0772
30	18.36	34.430	5.29	30	18.36	34.430	5.29	24.76	319	319	0.1115
50	17.65	34.577	5.08	50	17.65	34.577	5.08	25.05	291	293	0.1728
75	15.54	34.617	4.77	75	15.54	34.617	4.77	25.57	242	244	0.2399
100	14.79	34.568	4.62	100	14.79	34.568	4.62	25.70	230	232	0.2995
105	14.79	34.552	4.70								

8 月(August)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, AUG.11.1988, 02:25 KST,
 DEPTH 38 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1002. ,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	26.82	32.441	4.78	0	26.82	32.441	4.78	20.87	691	691	0.0000
10	26.90	32.748	4.91	10	26.90	32.748	4.91	21.07	671	671	0.0681
19	24.81	32.774	4.55	20	24.76	32.881	4.51	21.83	599	599	0.1316
31	24.29	34.067	4.16	30	24.33	33.959	4.19	22.77	508	509	0.1871
36	16.51	*****	*****								

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, AUG.11.1988, 03:35 KST,
 DEPTH 32 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1002. ,
 AIR TEMP. DRY 26.9, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.20	32.127	4.62	0	27.20	32.127	4.62	20.51	725	725	0.0000
10	26.73	32.125	4.60	10	26.73	32.125	4.60	20.66	711	711	0.0718
21	24.46	32.770	4.96	20	24.66	32.711	4.92	21.73	608	608	0.1378
30	22.95	32.916	4.57	30	22.95	32.916	4.57	22.39	545	546	0.1956

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, AUG.11.1988, 04:50 KST,
 DEPTH 41 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1002. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	27.30	31.982	4.63	0	27.30	31.982	4.63	20.37	739	738	0.0000
10	26.95	32.426	4.70	10	26.95	32.426	4.70	20.82	696	696	0.0717
20	24.76	32.827	4.98	20	24.76	32.827	4.98	21.79	602	603	0.1367
30	23.59	32.894	4.94	30	23.59	32.894	4.94	22.19	565	565	0.1951
39	19.59	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, AUG.16.1988, 15:40 KST,
 DEPTH 82 , COLOR 3, TRANS. 11.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1000. ,
 AIR TEMP. DRY 27.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	25.00	31.500	4.81	0	25.00	31.500	4.81	20.72	705	705	0.0000
10	24.69	32.727	4.97	10	24.69	32.727	4.97	21.74	608	608	0.0656
20	21.60	33.114	5.01	20	21.60	33.114	5.01	22.91	495	495	0.1208
31	21.94	33.482	4.83	30	21.90	33.448	4.84	23.08	479	480	0.1696
51	17.82	34.144	4.35	50	18.02	34.110	4.37	24.60	334	335	0.2512
76	14.84	34.412	4.07	75	14.95	34.401	4.08	25.53	245	247	0.3241

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, AUG.16.1988, 16:50 KST,
 DEPTH 95 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1000. ,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	27.34	31.061	4.65	0	27.34	31.061	4.65	19.67	806	806	0.0000
9	27.27	32.185	4.81	10	27.09	32.256	4.83	20.54	712	712	0.0759
20	25.33	32.966	5.08	20	25.33	32.966	5.08	21.72	609	609	0.1420
31	23.12	33.121	5.11	30	23.32	33.106	5.10	22.43	542	542	0.1997
50	18.93	33.348	4.74	50	18.93	33.348	4.74	23.79	411	412	0.2952
75	14.71	33.903	4.43	75	14.71	33.903	4.43	25.20	277	278	0.3816
92	14.71	34.441	3.96								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, AUG.16.1988, 18:00 KST,
 DEPTH 117 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1000. ,
 AIR TEMP. DRY 26.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	26.75	30.785	4.75	0	26.75	30.785	4.75	19.65	808	808	0.0000
12	25.83	30.902	4.66	10	25.98	30.882	4.67	19.96	778	778	0.0793
20	22.70	32.378	4.94	20	22.70	32.378	4.94	22.05	577	578	0.1472
30	21.13	33.315	5.01	30	21.13	33.315	5.01	23.19	468	469	0.1995
51	16.69	33.596	4.74	50	16.90	33.582	4.75	24.47	347	348	0.2813
74	15.98	34.111	4.50	75	15.92	34.122	4.48	25.10	286	288	0.3609
99	14.58	34.404	4.20	100	14.58	34.379	4.19	25.60	239	241	0.4272
112	14.58	34.088	4.15								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, OCT.16.1988, 08:10 KST,
 DEPTH 35 , COLOR 5, TRANS. 8.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1017. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	21.33	33.165	4.94	0	21.33	33.165	4.94	23.03	484	484	0.0000
10	20.91	33.192	4.92	10	20.91	33.192	4.92	23.16	471	471	0.0478
19	20.85	*****	4.98	20	20.85	33.298	4.96	23.26	462	463	0.0945
31	20.93	33.418	4.76	30	20.92	33.407	4.77	23.32	456	457	0.1405

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, OCT.16.1988, 09:10 KST,
 DEPTH 32 , COLOR 5, TRANS. 8.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1017. ,
 AIR TEMP. DRY 20.6, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	21.66	33.176	5.35	0	21.66	33.176	5.35	22.94	492	492	0.0000
9	21.04	33.163	5.13	10	21.02	33.169	5.11	23.11	476	476	0.0484
19	20.87	33.230	5.01	20	20.88	33.241	4.97	23.20	467	468	0.0956
30	21.06	33.359	4.59	30	21.06	33.359	4.59	23.25	463	464	0.1422

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, OCT.16.1988, 10:05 KST,
 DEPTH 47 , COLOR 5, TRANS. 7.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1017. ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	20.42	33.632	5.06	0	20.42	33.632	5.06	23.62	427	427	0.0000
10	20.40	33.441	5.00	10	20.40	33.441	5.00	23.49	440	440	0.0434
20	19.71	33.549	4.89	20	19.71	33.549	4.89	23.75	415	416	0.0862
30	18.90	*****	4.54	30	18.90	33.783	4.54	24.13	379	379	0.1260
45	16.70	34.135	4.10								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, OCT.17.1988, 09:20 KST,
 DEPTH 80 , COLOR 5, TRANS. 8.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1014.5,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	18.12	33.847	5.17	0	18.12	33.847	5.17	24.38	355	355	0.0000
11	18.11	33.800	5.19	10	18.11	33.804	5.18	24.35	358	358	0.0357
21	19.79	33.722	5.05	20	19.62	33.729	5.06	23.91	400	400	0.0737

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
31	19.70	33.773	4.87	30	19.70	33.767	4.88	23.91	399	400	0.1137
51	16.23	33.972	4.49	50	16.40	33.962	4.50	24.87	308	309	0.1848
75	15.74	34.318	4.06	75	15.74	34.318	4.06	25.30	268	270	0.2573

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, OCT.17.1988, 10:30 KST,
 DEPTH 90 , COLOR 4, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1015. ,
 AIR TEMP. DRY 18.8, WET , CLOUD. TYPE CI, AMT 10, WEATHER C

0	21.68	33.885	4.98	0	21.68	33.885	4.98	23.48	441	441	0.0000
11	21.78	33.888	5.04	10	21.77	33.887	5.03	23.45	443	443	0.0442
20	20.95	33.951	4.93	20	20.95	33.951	4.93	23.73	417	418	0.0873
30	20.74	33.812	4.84	30	20.74	33.812	4.84	23.68	422	423	0.1294
50	17.52	34.133	4.15	50	17.52	34.133	4.15	24.74	321	322	0.2040
75	14.67	34.369	3.73	75	14.67	34.369	3.73	25.57	242	243	0.2748
85	14.57	34.393	3.94								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, OCT.17.1988, 11:45 KST,
 DEPTH 125 , COLOR 4, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1014.5,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	21.97	33.976	5.00	0	21.97	33.976	5.00	23.47	442	442	0.0000
11	22.01	33.902	4.96	10	22.00	33.908	4.96	23.40	448	448	0.0445
19	21.89	33.862	5.09	20	21.86	33.863	5.06	23.41	448	448	0.0894
30	21.57	33.880	4.82	30	21.57	33.880	4.82	23.50	439	439	0.1338
50	18.13	34.167	4.15	50	18.13	34.167	4.15	24.62	332	334	0.2112
76	14.92	34.218	3.88	75	15.04	34.216	3.89	25.37	261	262	0.2858
99	14.64	34.390	3.77	100	14.63	34.391	3.78	25.60	239	242	0.3489
123	14.61	34.421	4.13								

12月(December)

BUSAN 852 , STATION 204-01 , 34-20.8. N, 127-43.9. E, DEC.13.1988, 03:20 KST,
 DEPTH 43 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 3 , BARO 1020. ,
 AIR TEMP. DRY 12.6, WET , CLOUD. TYPE , AMT 05, WEATHER BC

0	11.79	34.013	5.94	0	11.79	34.013	5.94	25.88	213	212	0.0000
10	11.79	34.018	5.94	10	11.79	34.018	5.94	25.88	212	212	0.0212
20	11.81	34.011	5.94	20	11.81	34.011	5.94	25.87	213	213	0.0425
31	11.78	34.009	5.94	30	11.78	34.009	5.94	25.88	213	213	0.0639
40	11.78	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 204-02 , 34-13.7. N, 127-35.4. E, DEC.13.1988, 04:30 KST,
 DEPTH 32 , COLOR , TRANS. , WAVE SSW 3, SWELL SSW 1, WIND SSW 4 , BARO 1019.5,
 AIR TEMP. DRY 13.4, WET , CLOUD. TYPE , AMT 04, WEATHER BC

0	13.16	33.946	5.56	0	13.16	33.946	5.56	25.56	243	242	0.0000
10	13.19	33.822	5.66	10	13.19	33.822	5.66	25.46	252	252	0.0247
20	12.69	33.792	5.79	20	12.69	33.792	5.79	25.53	245	245	0.0497
30	12.55	33.785	5.68	30	12.55	33.785	5.68	25.56	243	244	0.0742

BUSAN 852 , STATION 204-03 , 34-06.7. N, 127-26.8. E, DEC.13.1988, 05:45 KST,
 DEPTH 46 , COLOR , TRANS. , WAVE S 4, SWELL S 1, WIND S 4 , BARO 1019. ,
 AIR TEMP. DRY 13.9, WET , CLOUD. TYPE , AMT 05, WEATHER BC

0	15.26	34.038	5.12	0	15.26	34.038	5.12	25.19	278	278	0.0000
10	15.60	34.053	5.12	10	15.60	34.053	5.12	25.12	284	284	0.0281
19	16.00	34.043	5.28	20	16.02	34.043	5.25	25.02	294	294	0.0571
29	16.21	34.045	5.06	30	16.19	*****	5.06	*****	***	***	*****
40	16.00	*****	5.10								

BUSAN 852 , STATION 204-04 , 33-54.1. N, 127-15.2. E, DEC.18.1988, 09:45 KST,
 DEPTH 82 , COLOR 4, TRANS. 7.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1025. ,
 AIR TEMP. DRY 7.6, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	13.10	34.253	4.99	0	13.10	34.253	4.99	25.81	219	219	0.0000
11	13.56	34.259	4.98	10	13.51	34.258	4.98	25.73	227	227	0.0223
20	15.95	34.261	5.07	20	15.95	34.261	5.07	25.21	276	277	0.0475
30	17.47	34.266	4.91	30	17.47	34.266	4.91	24.85	310	311	0.0769
49	17.88	34.254	5.12	50	17.88	34.255	5.11	24.75	320	321	0.1402
75	17.95	34.292	5.03	75	17.95	34.292	5.03	24.76	319	321	0.2207

BUSAN 852 , STATION 204-05 , 33-45.5. N, 127-09.2. E, DEC.18.1988, 10:55 KST,
 DEPTH 93 , COLOR 3, TRANS. 21.0, WAVE W 3, SWELL W 1, WIND W 3 , BARO 1025. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	17.74	34.467	5.21	0	17.74	34.467	5.21	24.94	302	301	0.0000
12	20.18	34.467	5.18	10	19.77	34.467	5.18	24.43	350	350	0.0326
19	20.30	34.480	5.21	20	20.30	34.478	5.21	24.30	363	363	0.0683
31	20.33	34.464	5.23	30	20.32	34.465	5.22	24.28	364	365	0.1048
51	20.17	34.477	5.28	50	20.17	34.476	5.27	24.33	360	361	0.1775

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
75	19.96	34.484	5.02	75	19.96	34.484	5.02	24.39	354	356	0.2672
90	18.90	34.582	4.66								

BUSAN 852 , STATION 204-06 , 33-35.8. N, 127-03.2. E, DEC.18.1988, 12:05 KST,
 DEPTH 126 , COLOR 3, TRANS. 14.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1025.5,
 AIR TEMP. DRY 10.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	17.29	34.542	5.21	0	17.29	34.542	5.21	25.11	286	285	0.0000
11	18.94	34.476	5.22	10	18.79	34.482	5.21	24.69	325	325	0.0305
21	19.54	34.472	5.19	20	19.48	34.472	5.19	24.51	343	343	0.0640
29	19.65	34.482	5.14	30	19.65	34.482	5.14	24.47	346	347	0.0985
51	19.71	34.487	5.16	50	19.70	34.486	5.15	24.46	347	349	0.1682
74	19.59	34.484	5.03	75	19.55	34.487	5.01	24.50	343	346	0.2551
99	18.69	34.562	4.69	100	18.59	34.562	4.67	24.80	315	318	0.3381
120	16.71	34.567	4.29								

203 線 海洋觀測 成績 Oceanographic Data. Line 203

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, FEB.20.1988, 15:35 KST,
 DEPTH 62 , COLOR 5, TRANS. 3.0, WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1028. ,
 ATR TEMP. DRY 5.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.50	33.918	5.93	0	11.50	33.918	5.93	25.86	214	214	0.0000
9	12.61	33.863	5.97	10	12.63	33.861	5.95	25.60	239	239	0.0227
19	12.86	33.851	5.84	20	12.86	33.850	5.83	25.54	244	244	0.0469
30	12.89	33.842	5.74	30	12.89	33.842	5.74	25.53	245	246	0.0714
50	12.83	33.861	5.52	50	12.83	33.861	5.52	25.56	243	244	0.1205
60	12.77	*****	*****								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, FEB.20.1988, 11:35 KST,
 DEPTH 105 , COLOR 4, TRANS. 4.0, WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1028. ,
 ATR TEMP. DRY 3.8, WET , CLOUD. TYPE , AMT , WEATHER R

0	12.57	34.301	5.96	0	12.57	34.301	5.96	25.95	206	205	0.0000
10	12.68	34.296	5.96	10	12.68	34.296	5.96	25.93	208	208	0.0207
21	12.68	34.310	5.96	20	12.68	34.308	5.96	25.94	207	207	0.0415
30	12.67	34.309	6.06	30	12.67	34.309	6.06	25.94	207	207	0.0622
51	12.68	34.308	5.86	50	12.67	34.308	5.86	25.93	207	208	0.1039
75	12.73	34.309	6.01	75	12.73	34.309	6.01	25.93	208	210	0.1562
101	12.75	34.321	5.91	100	12.74	34.320	5.91	25.93	207	210	0.2087

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, FEB.20.1988, 10:20 KST,
 DEPTH 134 , COLOR 4, TRANS. 7.0, WAVE SW 2, SWELL SW 2, WIND SW 5 , BARO 1028. ,
 ATR TEMP. DRY 2.2, WET , CLOUD. TYPE , AMT , WEATHER R

0	15.05	34.370	5.91	0	15.05	34.370	5.91	25.49	249	249	0.0000
10	15.07	34.347	5.86	10	15.07	34.347	5.86	25.47	252	252	0.0250
19	15.05	34.347	5.91	20	15.05	34.348	5.90	25.47	251	251	0.0502
31	15.05	34.363	5.86	30	15.05	34.361	5.86	25.48	250	251	0.0754
50	14.98	34.379	5.86	50	14.98	34.379	5.86	25.51	247	248	0.1254
76	14.97	34.408	5.96	75	14.97	34.406	5.95	25.54	245	247	0.1874
100	14.88	34.440	6.01	100	14.88	34.440	6.01	25.58	241	243	0.2488
126	14.48	34.444	5.91	125	14.49	34.443	5.91	25.67	233	236	0.3088

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月 (April)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, APR.17.1988, 04:10 KST,
 DEPTH 50 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1018.5,
 AIR TEMP. DRY 13.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	13.15	34.284	6.21	0	13.15	34.284	6.21	25.82	218	217	0.0000
9	12.53	34.268	6.31	10	12.52	34.266	6.29	25.93	207	207	0.0212
20	12.46	34.253	6.13	20	12.46	34.253	6.13	25.94	207	207	0.0420
30	12.27	34.248	5.76	30	12.27	34.248	5.76	25.97	204	204	0.0626
46	12.27	34.262	5.53								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, APR.17.1988, 03:10 KST,
 DEPTH 95 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1018.5,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	12.20	33.811	6.62	0	12.20	33.811	6.62	25.64	235	235	0.0000
9	12.57	34.182	6.53	10	12.58	34.199	6.50	25.87	213	213	0.0224
20	12.75	34.373	6.22	20	12.75	34.373	6.22	25.97	204	204	0.0433
29	13.02	34.462	5.85	30	13.04	34.467	5.83	25.99	202	203	0.0637
50	13.48	34.575	5.63	50	13.48	34.575	5.63	25.98	203	204	0.1044
74	13.26	34.477	5.74	75	13.25	34.476	5.74	25.95	206	207	0.1559
93	13.15	34.458	5.85								

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, APR.17.1988, 02:00 KST,
 DEPTH 147 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1018.5,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	12.60	33.717	6.72	0	12.60	33.717	6.72	25.49	249	249	0.0000
10	12.79	33.667	6.82	10	12.79	33.667	6.82	25.42	256	256	0.0252
19	13.50	33.978	6.52	20	13.53	33.998	6.46	25.52	246	246	0.0504
30	13.90	34.200	5.91	30	13.90	34.200	5.91	25.60	239	239	0.0748
51	14.42	34.370	5.78	50	14.39	34.361	5.78	25.62	237	238	0.1225
76	14.59	34.399	5.73	75	14.58	34.397	5.73	25.61	238	239	0.1823
100	14.29	34.419	5.93	100	14.29	34.419	5.93	25.69	230	233	0.2414
125	14.09	34.450	5.83	125	14.09	34.450	5.83	25.76	224	227	0.2990
136	13.96	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月 (June)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, JUN.15.1988, 07:10 KST,
 DEPTH 58 , COLOR 4, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1003. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	15.10	33.306	5.93	0	15.10	33.306	5.93	24.66	328	328	0.0000
10	14.53	33.303	5.93	10	14.53	33.303	5.93	24.78	317	317	0.0322
20	13.48	33.402	5.85	20	13.48	33.402	5.85	25.08	289	289	0.0626
30	13.12	33.454	5.79	30	13.12	33.454	5.79	25.19	278	279	0.0910
50	12.64	33.500	5.67	50	12.64	33.500	5.67	25.32	266	267	0.1456

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, JUN.15.1988, 06:10 KST,
 DEPTH 95 , COLOR 4, TRANS. 10.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1003. ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	19.37	33.473	5.52	0	19.37	33.473	5.52	23.78	413	412	0.0000
10	19.77	33.898	5.50	10	19.77	33.898	5.50	24.00	392	392	0.0402
20	17.52	33.964	5.71	20	17.52	33.964	5.71	24.61	333	333	0.0765
30	13.04	*****	5.53	30	13.04	33.899	5.53	25.55	244	244	0.1054
50	12.60	33.769	5.43	50	12.60	33.769	5.43	25.53	245	246	0.1546
75	12.55	33.771	5.43	75	12.55	33.771	5.43	25.54	244	246	0.2162
90	12.51	33.770	5.23								

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, JUN.15.1988, 05:05 KST,
 DEPTH 137 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1003. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.47	34.437	5.27	0	20.47	34.437	5.27	24.22	370	370	0.0000
10	19.63	34.423	5.31	10	19.63	34.423	5.31	24.43	350	350	0.0360
20	17.79	34.514	5.37	20	17.79	34.514	5.37	24.97	299	300	0.0685
30	16.55	34.534	5.16	30	16.55	34.534	5.16	25.28	270	270	0.0971
50	16.47	34.560	4.96	50	16.47	34.560	4.96	25.31	266	267	0.1509
75	15.32	34.396	4.96	75	15.32	34.396	4.96	25.45	253	255	0.2163
100	14.22	34.156	4.88	100	14.22	34.156	4.88	25.50	248	250	0.2796
125	13.69	34.052	4.83	125	13.69	34.052	4.83	25.53	245	248	0.3421
135	13.65	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, AUG.19.1988, 09:35 KST,
 DEPTH 60 , COLOR 3, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001. ,
 AIR TEMP. DRY 28.0, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	26.14	32.182	4.84	0	26.14	32.182	4.84	20.89	689	689	0.0000
11	24.53	32.593	4.94	10	24.67	32.555	4.93	21.61	620	620	0.0654
19	23.16	32.988	4.73	20	23.02	33.005	4.73	22.43	541	541	0.1235
32	21.43	33.218	4.84	30	21.69	33.182	4.82	22.94	492	493	0.1753
50	16.32	33.468	4.91	50	16.32	33.468	4.91	24.51	342	343	0.2590
55	15.00	*****	*****								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, AUG.19.1988, 08:35 KST,
 DEPTH 98 , COLOR 3, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001.5,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	25.64	32.394	4.91	0	25.64	32.394	4.91	21.20	659	659	0.0000
10	24.42	32.683	4.96	10	24.42	32.683	4.96	21.78	603	603	0.0631
19	23.33	32.936	4.96	20	23.17	32.941	4.94	22.34	550	550	0.1208
30	21.64	32.992	4.84	30	21.64	32.992	4.84	22.81	505	505	0.1736
50	15.63	33.527	4.84	50	15.63	33.527	4.84	24.71	323	324	0.2567
75	14.06	33.644	4.81	75	14.06	33.644	4.81	25.14	282	284	0.3329
96	14.40	33.981	4.80								

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, AUG.19.1988, 07:30 KST,
 DEPTH 138 , COLOR 3, TRANS. 15.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001.5,
 AIR TEMP. DRY 26.7, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	25.34	32.567	4.88	0	25.34	32.567	4.88	21.42	638	638	0.0000
9	23.75	32.805	4.91	10	23.59	32.824	4.90	22.13	570	570	0.0604
19	22.21	33.001	4.86	20	22.15	33.012	4.85	22.68	517	517	0.1148
30	21.59	33.125	4.80	30	21.59	33.125	4.80	22.93	494	495	0.1654
49	18.75	33.370	4.91	50	18.59	33.383	4.91	23.90	400	402	0.2551
76	14.57	33.730	4.96	75	14.72	33.716	4.95	25.06	291	292	0.3420
101	13.70	33.840	4.71	100	13.73	33.835	4.72	25.36	262	264	0.4116
125	14.70	34.181	4.65	125	14.70	34.181	4.65	25.42	256	259	0.4772
135	14.98	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, OCT.20.1988, 09:50 KST,
 DEPTH 62 , COLOR 4, TRANS. 11.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1018. ,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	21.17	33.772	5.29	0	21.17	33.772	5.29	23.53	436	436	0.0000
9	19.73	33.790	5.25	10	19.69	33.790	5.22	23.94	397	397	0.0417
19	19.37	33.795	5.04	20	19.40	33.797	5.01	24.01	390	390	0.0811
31	19.84	33.820	4.75	30	19.80	33.817	4.77	23.93	398	399	0.1206
50	17.73	34.053	4.52	50	17.73	34.053	4.52	24.63	331	333	0.1938
60	17.45	*****	*****								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, OCT.20.1988, 08:45 KST,
 DEPTH 107 , COLOR 4, TRANS. 10.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1018. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	21.05	33.515	5.42	0	21.05	33.515	5.42	23.37	452	451	0.0000
10	20.71	33.511	5.35	10	20.71	33.511	5.35	23.46	443	443	0.0447
19	20.43	33.516	5.37	20	20.20	33.559	5.26	23.63	427	427	0.0883
30	18.00	33.989	4.24	30	18.00	33.989	4.24	24.51	342	343	0.1269
51	15.07	34.196	4.36	50	15.20	34.186	4.35	25.31	266	267	0.1880
76	14.93	34.212	4.25	75	14.93	34.211	4.25	25.39	259	260	0.2541
100	14.88	34.216	4.01	100	14.88	34.216	4.01	25.41	257	260	0.3192
105	14.89	*****	*****								

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, OCT.20.1988, 07:40 KST,
 DEPTH 140 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1018. ,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	22.86	33.451	5.31	0	22.86	33.451	5.31	22.82	504	504	0.0000
10	22.88	33.388	5.29	10	22.88	33.388	5.29	22.76	509	509	0.0507
21	22.78	33.404	5.32	20	22.78	33.402	5.31	22.80	506	506	0.1015
29	22.73	33.585	4.73	30	22.44	33.587	4.71	23.04	483	484	0.1510
51	16.37	33.640	4.43	50	16.65	33.637	4.44	24.56	337	339	0.2333
75	15.88	33.886	4.22	75	15.88	33.886	4.22	24.93	302	304	0.3138
100	15.76	34.004	4.45	100	15.76	34.004	4.45	25.05	291	294	0.3887
124	15.00	34.008	4.58	125	14.97	*****	*****	*****	***	***	*****
134	14.75	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

BUSAN 852 , STATION 203-01 , 33-56.6. N, 126-31.4. E, DEC.21.1988, 06:17 KST,
 DEPTH 69 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 5 , BARO 1021.5,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	13.88	33.827	5.69	0	13.88	33.827	5.69	25.32	265	265	0.0000
10	13.96	33.820	5.87	10	13.96	33.820	5.87	25.30	268	268	0.0266
20	13.96	33.824	5.64	20	13.96	33.824	5.64	25.30	267	267	0.0534
30	13.99	33.824	5.40	30	13.99	33.824	5.40	25.30	268	268	0.0803
50	13.99	33.831	5.16	50	13.99	33.831	5.16	25.30	267	268	0.1340
65	13.99	*****	5.20								

BUSAN 852 , STATION 203-02 , 33-47.5. N, 126-26.3. E, DEC.21.1988, 05:10 KST,
 DEPTH 119 , COLOR , TRANS. , WAVE NNW 5, SWELL NNW 2, WIND NNW 5 , BARO 1021.5,
 AIR TEMP. DRY 8.8, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	15.59	34.310	5.45	0	15.59	34.310	5.45	25.32	265	265	0.0000
10	15.86	34.256	5.66	10	15.86	34.256	5.66	25.22	275	275	0.0270
20	15.87	34.296	5.49	20	15.87	34.296	5.49	25.25	272	272	0.0544
30	15.87	34.254	5.29	30	15.87	34.254	5.29	25.22	275	276	0.0819
50	15.88	34.273	5.28	50	15.88	34.273	5.28	25.23	274	275	0.1371
75	15.88	34.246	5.37	75	15.88	34.246	5.37	25.21	276	278	0.2063
100	15.86	34.250	5.33	100	15.86	34.250	5.33	25.22	275	278	0.2759
115	15.81	34.333	5.25								

BUSAN 852 , STATION 203-03 , 33-38.3. N, 126-21.3. E, DEC.21.1988, 04:10 KST,
 DEPTH 134 , COLOR , TRANS. , WAVE N 5, SWELL NE 2, WIND N 5 , BARO 1022. ,
 AIR TEMP. DRY 8.8, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	15.86	34.345	5.32	0	15.86	34.345	5.32	25.29	268	268	0.0000
10	15.92	34.298	5.54	10	15.92	34.298	5.54	25.24	273	273	0.0271
20	15.93	34.307	5.36	20	15.93	34.307	5.36	25.24	273	273	0.0544
30	15.92	34.302	5.37	30	15.92	34.302	5.37	25.24	273	273	0.0818
50	15.94	34.296	5.40	50	15.94	34.296	5.40	25.23	274	275	0.1367
75	16.03	34.326	5.19	75	16.03	34.326	5.19	25.24	273	275	0.2056
100	16.19	34.413	5.34	100	16.19	34.413	5.34	25.27	271	273	0.2743
125	16.21	34.487	5.30	125	16.21	34.487	5.30	25.32	266	269	0.3422

313 線 海洋觀測 成績 Oceanographic Data. Line 313

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, FEB.20.1988, 07:40 KST,
 DEPTH 94 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 5 , BARO 1028. ,
 AIR TEMP. DRY 4.9, WET , CLOUD. TYPE , AMT , WEATHER R

0	13.60	34.639	5.77	0	13.60	34.639	5.77	26.01	200	200	0.0000
10	13.76	34.623	5.77	10	13.76	34.623	5.77	25.96	205	205	0.0202
19	13.92	34.611	5.73	20	13.92	34.611	5.72	25.92	209	209	0.0410
30	13.99	34.617	5.72	30	13.99	34.617	5.72	25.91	210	210	0.0620
50	13.93	34.603	5.64	50	13.93	34.603	5.64	25.91	210	211	0.1042
76	13.83	34.581	5.55	75	13.83	34.581	5.55	25.91	209	211	0.1570
91	13.76	34.591	5.54								

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, FEB.20.1988, 06:00 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE SW 3, SWELL SW 2, WIND SW 4 , BARO 1028. ,
 AIR TEMP. DRY 4.7, WET , CLOUD. TYPE , AMT , WEATHER R

0	12.93	34.628	5.67	0	12.93	34.628	5.67	26.13	188	188	0.0000
9	14.00	34.554	5.62	10	14.00	34.554	5.62	25.86	215	215	0.0201
20	14.00	34.555	5.72	20	14.00	34.555	5.72	25.86	214	215	0.0416
29	13.88	34.573	5.72	30	13.88	34.573	5.72	25.90	211	211	0.0630
51	13.89	34.573	5.72	50	13.88	34.573	5.72	25.89	211	212	0.1054
75	13.86	34.566	5.72	75	13.86	34.566	5.72	25.89	211	213	0.1586
94	13.87	34.561	5.52								

BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, FEB.20.1988, 04:45 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 4 , BARO 1028. ,
 AIR TEMP. DRY 4.4, WET , CLOUD. TYPE , AMT , WEATHER R

0	13.71	34.559	5.81	0	13.71	34.559	5.81	25.92	208	208	0.0000
11	14.08	34.503	5.81	10	14.04	34.508	5.81	25.81	219	219	0.0213
20	14.01	34.508	5.86	20	14.01	34.508	5.86	25.82	218	218	0.0433
31	14.00	34.538	5.77	30	14.00	34.535	5.77	25.84	216	216	0.0650
51	13.90	34.502	5.81	50	13.90	34.503	5.80	25.84	216	217	0.1085
75	13.86	34.517	5.81	75	13.86	34.517	5.81	25.86	214	216	0.1628
88	13.83	34.494	5.77								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, FEB.20.1988, 03:40 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE SW 2, SWELL SW 2, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE , AMT , WEATHER R

0	12.47	34.191	6.01	0	12.47	34.191	6.01	25.89	212	212	0.0000
9	12.80	34.177	5.93	10	12.79	34.179	5.92	25.81	219	219	0.0215
21	12.78	34.211	5.84	20	12.78	34.208	5.84	25.84	216	217	0.0433
31	12.65	34.213	5.80	30	12.66	34.212	5.80	25.86	214	214	0.0649
49	12.74	34.281	5.85	50	12.73	34.279	5.84	25.90	210	211	0.1076
75	12.73	34.246	5.80	75	12.73	34.246	5.80	25.88	213	214	0.1609
86	12.72	34.214	5.80								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, FEB.20.1988, 02:35 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	12.48	34.146	5.96	0	12.48	34.146	5.96	25.85	215	215	0.0000
11	12.83	34.155	5.96	10	12.79	34.154	5.96	25.79	221	221	0.0218
20	12.73	34.162	5.96	20	12.73	34.162	5.96	25.81	219	219	0.0438
31	12.74	34.175	5.96	30	12.73	34.173	5.96	25.82	218	219	0.0657
49	12.67	34.170	6.01	50	12.66	34.171	6.00	25.83	217	218	0.1095
74	12.56	34.199	5.91	75	12.56	*****	*****	*****	***	***	*****
81	12.62	*****	*****								

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, FEB.20.1988, 01:30 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	11.48	33.849	5.93	0	11.48	33.849	5.93	25.81	219	219	0.0000
9	11.97	33.841	6.08	10	11.95	33.841	6.07	25.71	228	228	0.0223
21	11.78	33.849	5.99	20	11.79	33.848	5.99	25.75	225	225	0.0450
30	11.74	33.881	5.84	30	11.74	33.881	5.84	25.78	221	222	0.0674
49	11.58	33.879	5.89	50	11.57	33.879	5.89	25.81	219	220	0.1117
74	11.53	33.883	5.89								

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, FEB.20.1988, 00:20 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 5.8, WET , CLOUD. TYPE CS, AMT 07, WEATHER BC

0	11.46	33.740	6.11	0	11.46	33.740	6.11	25.73	227	227	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	11.56	33.736	6.06	10	11.56	33.736	6.06	25.71	229	229	0.0228
19	11.46	33.752	6.06	20	11.46	33.755	6.05	25.74	226	226	0.0456
29	11.51	33.783	6.01	30	11.51	33.784	6.01	25.75	225	225	0.0682
49	11.62	33.814	6.16	50	11.61	33.814	6.15	25.76	224	225	0.1132
74	11.47	33.817	6.06								

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, FEB.19.1988, 23:05 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 5.6, WET , CLOUD. TYPE CS, AMT 07, WEATHER BC

0	11.33	33.789	6.11	0	11.33	33.789	6.11	25.79	221	221	0.0000
9	11.46	33.789	6.06	10	11.50	33.792	6.06	25.76	224	224	0.0222
20	11.95	33.828	6.06	20	11.95	33.828	6.06	25.70	229	229	0.0449
31	12.29	33.848	6.06	30	12.25	33.846	6.06	25.66	233	234	0.0681
49	12.33	33.898	6.01	50	12.33	33.897	6.01	25.68	231	232	0.1148
75	12.41	33.892	6.01	75	12.41	33.892	6.01	25.67	233	234	0.1731

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, FEB.19.1988, 22:00 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1029.5,
 AIR TEMP. DRY 5.4, WET , CLOUD. TYPE CS, AMT 07, WEATHER BC

0	10.62	33.787	6.16	0	10.62	33.787	6.16	25.91	209	209	0.0000
10	11.06	33.830	6.11	10	11.06	33.830	6.11	25.87	213	213	0.0211
19	11.50	33.895	6.06	20	11.66	33.893	6.05	25.81	219	219	0.0428
30	13.27	33.876	6.01	30	13.27	33.876	6.01	25.48	250	250	0.0663
50	13.89	33.931	6.01	50	13.89	33.931	6.01	25.40	258	259	0.1174
75	13.81	33.928	6.16	75	13.81	33.928	6.16	25.41	257	258	0.1822

4 月 (April)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, APR.17.1988, 00:00 KST,
 DEPTH 95 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1019. ,
 AIR TEMP. DRY 14.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	12.77	33.768	6.60	0	12.77	33.768	6.60	25.50	248	248	0.0000
9	13.26	33.850	6.87	10	13.24	33.852	6.83	25.47	251	251	0.0250
20	13.07	33.875	6.48	20	13.07	33.875	6.48	25.52	246	246	0.0499
31	13.66	34.424	5.95	30	13.60	34.374	5.99	25.80	220	220	0.0733
51	14.96	34.611	5.63	50	14.89	34.601	5.64	25.70	229	230	0.1185
75	15.04	34.570	5.63	75	15.04	34.570	5.63	25.65	235	236	0.1769
93	14.98	34.595	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, APR.16.1988, 21:40 KST,
 DEPTH 95 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1019. ,
 AIR TEMP. DRY 13.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	12.88	33.490	6.72	0	12.88	33.490	6.72	25.26	271	271	0.0000
10	13.06	33.822	6.92	10	13.06	33.822	6.92	25.48	250	250	0.0260
20	13.25	33.833	6.31	20	13.25	33.833	6.31	25.45	253	253	0.0512
30	13.53	34.377	5.70	30	13.53	34.377	5.70	25.82	218	219	0.0749
50	13.77	34.426	5.63	50	13.77	34.426	5.63	25.81	219	220	0.1189
75	13.84	34.455	5.67	75	13.84	34.455	5.67	25.81	219	220	0.1741
93	13.87	34.495	5.83								

BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, APR.16.1988, 19:35 KST,
 DEPTH 89 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1019. ,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.57	33.024	6.92	0	11.57	33.024	6.92	25.15	282	281	0.0000
9	11.76	33.047	6.94	10	11.80	33.097	6.87	25.16	280	280	0.0281
19	12.24	33.555	6.32	20	12.26	33.611	6.27	25.48	251	251	0.0547
31	12.55	34.229	5.83	30	12.52	34.172	5.87	25.86	214	215	0.0780
51	12.80	34.344	5.73	50	12.78	34.338	5.73	25.94	207	208	0.1203
74	12.78	34.500	5.82	75	12.78	34.489	5.82	26.06	196	197	0.1711
87	12.78	34.368	5.85								

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, APR.16.1988, 18:05 KST,
 DEPTH 93 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1019. ,
 AIR TEMP. DRY 12.9, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.84	33.248	6.82	0	11.84	33.248	6.82	25.28	270	270	0.0000
10	11.74	33.718	7.09	10	11.74	33.718	7.09	25.66	233	233	0.0251
19	11.79	33.991	6.44	20	11.79	34.001	6.41	25.87	213	214	0.0475
31	11.83	34.118	6.11	30	11.82	34.107	6.13	25.94	206	207	0.0686
50	12.09	34.262	6.03	50	12.09	34.262	6.03	26.01	200	201	0.1094
75	12.14	34.284	5.89	75	12.14	34.284	5.89	26.02	199	200	0.1597
91	12.16	34.344	5.83								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, APR.16.1988, 17:05 KST,
 DEPTH 85 , COLOR 3, TRANS. 11.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1018.5,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.82	33.010	6.63	0	11.82	33.010	6.63	25.09	287	287	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	11.61	33.020	7.27	10	11.61	33.020	7.27	25.14	283	282	0.0285
21	10.91	33.972	6.32	20	10.97	33.885	6.40	25.93	208	208	0.0530
30	11.65	34.090	6.02	30	11.65	34.090	6.02	25.96	204	205	0.0737
51	11.53	34.047	5.82	50	11.53	34.049	5.82	25.95	205	206	0.1149
75	11.58	34.054	5.93	75	11.58	34.054	5.93	25.95	206	207	0.1667
83	11.65	*****	*****								

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, APR.16.1988, 16:00 KST,
 DEPTH 80 , COLOR 3, TRANS. 11.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1019. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	12.05	33.058	6.82	0	12.05	33.058	6.82	25.09	288	287	0.0000
9	11.78	33.127	7.12	10	11.67	33.181	7.04	25.25	272	272	0.0280
20	10.64	33.723	6.31	20	10.64	33.723	6.31	25.86	214	214	0.0523
31	11.08	33.996	6.09	30	11.04	33.971	6.11	25.98	203	203	0.0732
50	11.54	34.018	5.93	50	11.54	34.018	5.93	25.93	208	209	0.1145
75	11.37	33.965	5.85	75	11.37	33.965	5.85	25.92	209	210	0.1669

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, APR.16.1988, 15:00 KST,
 DEPTH 78 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1020. ,
 AIR TEMP. DRY 12.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.34	32.886	6.91	0	11.34	32.886	6.91	25.09	288	287	0.0000
10	11.45	33.050	7.12	10	11.45	33.050	7.12	25.19	278	277	0.0282
19	10.56	33.394	6.33	20	10.54	33.433	6.31	25.65	234	234	0.0539
31	10.37	33.866	6.13	30	10.38	33.826	6.14	25.99	202	203	0.0758
49	10.79	33.832	6.01	50	10.77	33.833	6.01	25.92	208	209	0.1170
75	10.52	33.875	6.02	75	10.52	33.875	6.02	26.00	201	202	0.1686

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, APR.16.1988, 14:00 KST,
 DEPTH 78 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1020. ,
 AIR TEMP. DRY 12.9, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.52	32.901	6.75	0	11.52	32.901	6.75	25.07	290	289	0.0000
9	11.91	32.990	6.91	10	11.93	33.021	6.86	25.08	288	288	0.0289
20	12.21	33.341	6.41	20	12.21	33.341	6.41	25.28	270	270	0.0568
31	11.93	33.894	6.21	30	11.95	33.843	6.22	25.71	228	228	0.0818
51	12.14	33.865	5.93	50	12.12	33.866	5.94	25.70	229	230	0.1278
75	11.94	33.873	5.90	75	11.94	33.873	5.90	25.74	226	227	0.1850

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, APR.16.1988, 12:50 KST,
 DEPTH 80 , COLOR 3, TRANS. 11.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1020. ,
 AIR TEMP. DRY 13.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	14.19	33.099	6.62	0	14.19	33.099	6.62	24.70	325	325	0.0000
9	14.16	33.163	6.95	10	14.04	33.184	6.91	24.79	316	316	0.0320
20	12.87	33.394	6.60	20	12.87	33.394	6.60	25.19	278	278	0.0618
31	12.77	33.730	6.30	30	12.77	33.699	6.32	25.44	254	254	0.0884
51	13.26	33.773	5.96	50	13.23	33.770	5.97	25.41	257	258	0.1397
76	13.12	33.813	6.00	75	13.12	33.811	5.99	25.46	252	254	0.2038

6 月(June)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, JUN.15.1988, 03:00 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1003. ,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	18.84	32.580	5.45	0	18.84	32.580	5.45	23.23	465	464	0.0000
10	17.87	*****	5.59	10	17.87	33.515	5.59	24.18	374	374	0.0419
20	18.58	34.450	5.48	20	18.58	34.450	5.48	24.72	323	323	0.0768
30	18.89	34.555	5.17	30	18.89	34.555	5.17	24.72	322	323	0.1091
50	16.55	34.576	4.91	50	16.55	34.576	4.91	25.31	267	268	0.1683
75	15.81	34.598	4.84	75	15.81	34.598	4.84	25.50	249	251	0.2332
90	15.72	34.586	4.81								

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, JUN.15.1988, 01:30 KST,
 DEPTH 98 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1003. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.06	32.505	5.52	0	19.06	32.505	5.52	23.12	475	475	0.0000
10	18.97	33.761	5.48	10	18.97	33.761	5.48	24.10	382	382	0.0428
20	17.74	33.821	5.65	20	17.74	33.821	5.65	24.45	349	349	0.0794
30	17.30	34.201	5.38	30	17.30	34.201	5.38	24.84	311	311	0.1125
50	15.19	34.330	5.10	50	15.19	34.330	5.10	25.43	255	256	0.1694
75	15.37	34.336	4.84	75	15.37	34.336	4.84	25.39	259	260	0.2341
95	15.37	34.350	4.86								

BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, JUN.15.1988, 00:30 KST,
 DEPTH 97 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1003. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	19.90	32.924	5.37	0	19.90	32.924	5.37	23.22	465	465	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	19.50	33.617	5.57	10	19.50	33.617	5.57	23.85	405	405	0.0435
20	18.31	33.700	5.67	20	18.31	33.700	5.67	24.22	371	371	0.0824
30	15.23	33.709	5.43	30	15.23	33.709	5.43	24.94	302	302	0.1161
50	12.20	33.694	5.32	50	12.20	33.694	5.32	25.55	243	244	0.1708
75	12.02	33.675	5.25	75	12.02	33.675	5.25	25.57	242	243	0.2318
95	11.94	33.696	5.01								

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, JUN.14.1988, 23:30 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1003.5,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	20.91	33.029	5.30	0	20.91	33.029	5.30	23.04	483	483	0.0000
10	15.59	33.503	5.64	10	15.59	33.503	5.64	24.70	324	324	0.0404
20	15.45	33.674	5.85	20	15.45	33.674	5.85	24.87	309	309	0.0721
30	13.08	33.703	5.53	30	13.08	33.703	5.53	25.39	259	260	0.1005
50	12.68	33.725	5.30	50	12.68	33.725	5.30	25.48	250	251	0.1517
75	12.73	33.715	5.35	75	12.73	33.715	5.35	25.47	252	253	0.2148
85	12.73	33.736	5.26								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, JUN.14.1988, 22:30 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1003.5,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	20.56	31.945	5.52	0	20.56	31.945	5.52	22.31	553	553	0.0000
10	17.92	31.917	5.74	10	17.92	31.917	5.74	22.95	491	491	0.0522
20	13.76	32.485	5.65	20	13.76	32.485	5.65	24.31	362	362	0.0949
30	11.28	33.304	5.43	30	11.28	33.304	5.43	25.42	256	256	0.1259
50	11.19	33.569	5.34	50	11.19	33.569	5.34	25.64	235	236	0.1751
75	11.19	33.585	5.33	75	11.19	33.585	5.33	25.66	234	235	0.2341
80	11.14	*****	*****								

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, JUN.14.1988, 21:25 KST,
 DEPTH 77 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1003.5,
 AIR TEMP. DRY 20.6, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	18.93	31.909	5.43	0	18.93	31.909	5.43	22.70	516	515	0.0000
10	16.86	31.942	5.98	10	16.86	31.942	5.98	23.22	466	466	0.0490
20	12.51	32.783	5.76	20	12.51	32.783	5.76	24.79	316	316	0.0882
30	11.32	33.525	5.52	30	11.32	33.525	5.52	25.59	240	241	0.1161
50	11.06	33.593	5.33	50	11.06	33.593	5.33	25.69	231	232	0.1634
75	11.06	33.606	5.25	75	11.06	33.606	5.25	25.70	230	231	0.2214

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, JUN.14.1988, 20:20 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1003. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	18.93	31.945	5.51	0	18.93	31.945	5.51	22.73	513	513	0.0000
10	18.71	31.932	5.67	10	18.71	31.932	5.67	22.77	509	509	0.0511
20	11.50	32.797	5.69	20	11.50	32.797	5.69	24.99	297	297	0.0914
30	10.92	33.464	5.43	30	10.92	33.464	5.43	25.61	238	238	0.1182
50	10.97	33.555	5.46	50	10.97	33.555	5.46	25.67	232	233	0.1655
75	10.97	33.580	5.41	75	10.97	33.580	5.41	25.69	230	232	0.2236

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, JUN.14.1988, 19:15 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1002. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	20.56	31.990	5.54	0	20.56	31.990	5.54	22.34	550	549	0.0000
10	18.75	31.966	5.61	10	18.75	31.966	5.61	22.79	507	507	0.0528
20	14.31	32.080	5.59	20	14.31	32.080	5.59	23.89	402	402	0.0983
30	10.79	32.893	5.59	30	10.79	32.893	5.59	25.19	278	278	0.1324
50	10.66	33.461	5.58	50	10.66	33.461	5.58	25.65	234	235	0.1838
70	10.53	33.500	5.50								

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, JUN.14.1988, 18:10 KST,
 DEPTH 74 , COLOR 3, TRANS. 11.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1002. ,
 AIR TEMP. DRY 23.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	20.69	31.990	5.57	0	20.69	31.990	5.57	22.31	553	553	0.0000
10	18.93	31.984	5.68	10	18.93	31.984	5.68	22.76	510	510	0.0531
20	12.60	32.356	5.66	20	12.60	32.356	5.66	24.44	349	349	0.0962
30	10.48	33.357	5.73	30	10.48	33.357	5.73	25.60	239	239	0.1256
50	9.96	33.468	5.69	50	9.96	33.468	5.69	25.78	222	223	0.1719
70	9.96	33.451	5.58								

8月(August)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, AUG.19.1988, 05:40 KST,
 DEPTH 95 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001. ,
 AIR TEMP. DRY 26.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.13	30.663	4.65	0	27.13	30.663	4.65	19.44	828	828	0.0000
10	26.04	30.775	4.60	10	26.04	30.775	4.60	19.86	788	788	0.0808

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	24.26	32.311	4.81	20	24.42	32.171	4.79	21.40	640	640	0.1522
32	21.24	32.944	5.01	30	21.78	32.828	4.97	22.65	521	521	0.2104
49	16.62	33.962	5.13	50	16.56	33.977	5.11	24.85	311	312	0.2938
74	15.25	34.351	4.70	75	15.25	34.351	4.69	25.43	255	257	0.3649
92	15.25	34.358	4.60								

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, AUG.19.1988, 04:20 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.64	30.379	4.65	0	27.64	30.379	4.65	19.06	864	864	0.0000
10	27.09	31.027	4.65	10	27.09	31.027	4.65	19.72	801	801	0.0833
19	24.43	32.307	4.70	20	23.97	32.489	4.73	21.77	605	605	0.1536
29	19.90	34.134	5.06	30	19.66	34.148	5.04	24.22	371	371	0.2025
49	15.22	34.424	4.80	50	15.21	34.425	4.79	25.50	249	250	0.2647
76	15.19	34.474	4.60	75	15.19	34.472	4.60	25.54	245	247	0.3269
93	15.18	34.458	4.53								

BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, AUG.19.1988, 03:00 KST,
 DEPTH 97 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1000.5,
 AIR TEMP. DRY 26.9, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.86	30.000	4.76	0	27.86	30.000	4.76	18.71	899	898	0.0000
11	27.70	31.046	4.76	10	27.71	30.950	4.76	19.47	826	826	0.0862
20	23.23	33.766	5.02	20	23.23	33.766	5.02	22.95	492	492	0.1521
30	17.62	34.203	5.36	30	17.62	34.203	5.36	24.77	318	319	0.1927
51	14.18	34.316	5.05	50	14.34	34.310	5.06	25.60	239	240	0.2487
74	14.70	34.334	4.78	75	14.69	34.333	4.76	25.54	245	247	0.3097
95	14.69	34.330	4.48								

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, AUG.19.1988, 01:00 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001.5,
 AIR TEMP. DRY 27.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.61	29.693	4.65	0	27.61	29.693	4.65	18.56	913	913	0.0000
13	26.88	31.644	4.71	10	27.04	31.193	4.69	19.86	788	788	0.0850
19	24.89	33.337	5.16	20	24.34	33.309	5.17	22.28	556	556	0.1523
29	19.45	33.065	5.31	30	19.01	33.063	5.30	23.55	434	434	0.2018
49	10.81	33.039	5.30	50	10.78	33.038	5.29	25.30	267	268	0.2721
75	10.11	33.037	5.06	75	10.11	33.037	5.06	25.42	256	257	0.3379

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, AUG.19.1988, 00:00 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001.5,
 AIR TEMP. DRY 27.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	28.03	30.808	4.60	0	28.03	30.808	4.60	19.26	846	845	0.0000
10	27.66	30.740	4.60	10	27.66	30.740	4.60	19.33	839	839	0.0842
20	24.33	32.688	5.16	20	24.33	32.688	5.16	21.81	600	600	0.1562
30	21.36	33.232	5.26	30	21.36	33.232	5.26	23.07	480	481	0.2104
50	10.69	33.260	5.21	50	10.69	33.260	5.21	25.49	249	250	0.2835
75	9.98	33.068	5.26	75	9.98	33.068	5.26	25.46	252	253	0.3465
80	10.06	33.068	5.01								

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, AUG.18.1988, 22:45 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1000.5,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.71	30.898	4.53	0	27.71	30.898	4.53	19.43	829	829	0.0000
12	26.02	31.489	4.65	10	26.30	31.390	4.63	20.24	751	751	0.0790
19	24.61	32.838	5.14	20	24.36	32.881	5.15	21.95	587	587	0.1460
31	21.62	33.362	5.27	30	21.86	33.318	5.25	22.99	487	488	0.1998
52	10.80	33.072	5.24	50	11.83	33.099	5.24	25.16	281	281	0.2768
75	10.33	33.084	5.29	75	10.33	33.084	5.29	25.42	256	257	0.3443

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, AUG.18.1988, 21:45 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001. ,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.45	31.382	4.60	0	27.45	31.382	4.60	19.87	786	786	0.0000
10	27.01	32.185	4.85	10	27.01	32.185	4.85	20.62	715	715	0.0751
20	20.81	33.154	5.11	20	20.81	33.154	5.11	23.16	472	472	0.1345
30	17.17	33.394	5.32	30	17.17	33.394	5.32	24.26	367	367	0.1765
49	10.24	33.178	5.23	50	10.23	33.176	5.22	25.51	248	249	0.2381
75	10.11	33.134	5.18	75	10.11	33.134	5.18	25.49	249	250	0.3006

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, AUG.18.1988, 20:35 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1000. ,
 AIR TEMP. DRY 27.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	27.97	31.370	4.70	0	27.97	31.370	4.70	19.70	803	803	0.0000
11	27.30	31.313	4.72	10	27.36	31.318	4.71	19.85	788	788	0.0796

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	16.20	32.727	5.47	20	17.31	32.585	5.39	23.61	429	429	0.1405
31	10.08	33.154	5.36	30	10.69	33.111	5.37	25.38	260	261	0.1750
50	9.87	33.118	5.11	50	9.87	33.118	5.11	25.52	246	247	0.2258
77	9.62	33.124	5.21	75	9.63	33.123	5.20	25.56	242	243	0.2873

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, AUG.18.1988, 19:20 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1000. ,
 AIR TEMP. DRY 28.0, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	30.69	31.028	4.63	0	30.69	31.028	4.63	18.53	915	915	0.0000
12	28.14	31.020	4.86	10	28.56	31.021	4.82	19.24	847	847	0.0881
19	16.45	32.826	5.12	20	15.79	32.860	5.12	24.17	375	376	0.1493
29	9.89	33.172	5.14	30	9.87	33.172	5.13	25.56	242	243	0.1802
50	9.48	33.190	5.11	50	9.48	33.190	5.11	25.64	235	236	0.2282
79	9.49	33.174	5.24	75	9.48	33.176	5.22	25.63	236	237	0.2874

10月(October)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, OCT.20.1988, 05:25 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1017.5,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	21.02	32.776	5.25	0	21.02	32.776	5.25	22.82	504	504	0.0000
10	20.59	33.121	5.21	10	20.59	33.121	5.21	23.19	468	468	0.0486
20	20.20	33.824	4.72	20	20.20	33.824	4.72	23.83	408	408	0.0925
30	18.88	34.153	4.34	30	18.88	34.153	4.34	24.42	351	352	0.1305
50	14.92	34.198	4.11	50	14.92	34.198	4.11	25.39	259	260	0.1919
75	14.95	34.198	3.83	75	14.95	34.198	3.83	25.38	260	262	0.2572
89	14.97	34.229	4.05								

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, OCT.20.1988, 04:25 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1017.5,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	21.16	32.850	5.28	0	21.16	32.850	5.28	22.83	503	502	0.0000
10	20.77	33.150	5.28	10	20.77	33.150	5.28	23.17	471	471	0.0487
21	20.61	33.400	5.17	20	20.62	33.377	5.18	23.38	451	451	0.0948
30	20.44	34.172	4.45	30	20.44	34.172	4.45	24.03	388	389	0.1369

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	15.13	34.187	4.39	50	15.13	34.187	4.39	25.33	264	266	0.2024
75	14.98	34.261	3.95	75	14.98	34.261	3.95	25.42	256	258	0.2680
89	14.99	34.246	3.80								

BUSAN 852 , STATION 313-04 , 33-24.4. N, 125-36.0. E, OCT.20.1988, 03:25 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1018.5,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	21.88	32.840	5.27	0	21.88	32.840	5.27	22.63	522	522	0.0000
10	21.57	33.045	5.29	10	21.57	33.045	5.29	22.87	499	499	0.0510
20	22.01	33.425	5.18	20	22.01	33.425	5.18	23.04	483	484	0.1002
31	21.44	34.207	4.46	30	21.49	34.135	4.52	23.72	418	419	0.1454
50	14.78	34.174	4.31	50	14.78	34.174	4.31	25.40	258	259	0.2133
75	14.50	34.119	4.29	75	14.50	34.119	4.29	25.42	256	258	0.2781
92	14.48	34.111	4.00								

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, OCT.20.1988, 02:20 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1019.5,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	22.03	32.649	5.29	0	22.03	32.649	5.29	22.44	540	540	0.0000
10	21.71	32.640	5.29	10	21.71	32.640	5.29	22.52	532	532	0.0536
20	21.76	33.297	5.29	20	21.76	33.297	5.29	23.01	486	486	0.1046
32	21.46	34.008	4.47	30	21.51	33.889	4.60	23.53	436	437	0.1508
50	14.01	33.930	4.44	50	14.01	33.930	4.44	25.37	260	261	0.2207
75	13.83	33.961	4.28	75	13.83	33.961	4.28	25.43	255	256	0.2856
86	13.85	33.969	4.20								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, OCT.20.1988, 01:20 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1020. ,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	20.73	33.063	5.29	0	20.73	33.063	5.29	23.11	476	476	0.0000
9	20.53	33.421	5.29	10	20.49	33.424	5.28	23.45	444	444	0.0460
20	20.16	33.461	5.21	20	20.16	33.461	5.21	23.56	433	433	0.0899
31	19.94	33.669	4.47	30	19.96	33.650	4.53	23.76	414	415	0.1324
50	12.87	33.704	4.44	50	12.87	33.704	4.44	25.43	255	256	0.1995
75	12.87	33.711	4.66	75	12.87	33.711	4.66	25.44	255	256	0.2637
86	12.87	33.703	4.47								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, OCT.20.1988, 00:20 KST,
 DEPTH 94 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1020. ,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	21.23	33.230	5.35	0	21.23	33.230	5.35	23.10	477	477	0.0000
10	20.95	33.445	5.32	10	20.95	33.445	5.32	23.34	454	454	0.0465
20	20.71	33.484	5.29	20	20.71	33.484	5.29	23.44	445	445	0.0916
30	20.57	33.519	4.60	30	20.57	33.519	4.60	23.50	439	440	0.1359
50	12.26	33.519	4.60	50	12.26	33.519	4.60	25.41	257	258	0.2058
75	12.37	33.528	4.42	75	12.37	33.528	4.42	25.39	259	260	0.2707
91	12.40	33.537	4.44								

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, OCT.19.1988, 23:20 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1020. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	20.54	33.270	5.29	0	20.54	33.270	5.29	23.32	456	456	0.0000
10	22.62	33.247	5.28	10	22.62	33.247	5.28	22.73	512	512	0.0484
21	22.64	33.364	5.31	20	22.63	33.353	5.30	22.81	505	506	0.0994
30	21.96	33.439	4.84	30	21.96	33.439	4.84	23.06	481	482	0.1488
50	13.82	*****	4.62	50	13.82	33.422	4.62	25.02	294	295	0.2265
74	13.07	33.402	4.54	75	13.03	*****	*****	*****	***	***	*****
82	12.79	*****	*****								

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, OCT.19.1988, 22:15 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1020. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	22.85	33.343	5.26	0	22.85	33.343	5.26	22.74	512	511	0.0000
10	22.86	33.341	5.26	10	22.86	33.341	5.26	22.73	512	512	0.0512
20	22.85	33.352	5.31	20	22.85	33.352	5.31	22.75	511	511	0.1024
30	22.84	33.356	5.26	30	22.84	33.356	5.26	22.75	511	511	0.1536
51	14.44	33.336	4.61	50	14.84	33.336	4.64	24.74	321	322	0.2370
74	14.00	33.344	4.34	75	13.97	*****	*****	*****	***	***	*****
81	13.85	*****	*****								

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, OCT.19.1988, 21:10 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1020. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	22.08	33.265	5.30	0	22.08	33.265	5.30	22.90	497	496	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
9	22.53	33.196	5.28	10	22.56	33.205	5.28	22.71	514	514	0.0505
20	22.96	33.298	5.35	20	22.96	33.298	5.35	22.67	518	518	0.1022
30	22.65	33.326	5.19	30	22.65	33.326	5.19	22.78	508	508	0.1536
51	14.93	33.285	4.54	50	15.29	33.286	4.57	24.60	334	335	0.2380
75	14.91	33.280	4.48	75	14.91	33.280	4.48	24.68	326	328	0.3209
81	14.92	*****	*****								

12月(December)

BUSAN 852 , STATION 313-02 , 33-24.4. N, 126-00.0. E, DEC.21.1988, 02:05 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE N 5, SWELL N 2, WIND N 5 , BARO 1020.5,
 AIR TEMP. DRY 9.3, WET , CLOUD. TYPE , AMT 03, WEATHER BC

0	16.37	34.513	5.43	0	16.37	34.513	5.43	25.30	267	267	0.0000
10	16.39	34.516	5.31	10	16.39	34.516	5.31	25.30	267	267	0.0267
20	16.39	34.507	5.41	20	16.39	34.507	5.41	25.29	268	268	0.0536
30	16.40	34.509	5.21	30	16.40	34.509	5.21	25.29	268	269	0.0805
50	16.40	34.521	5.28	50	16.40	34.521	5.28	25.30	267	268	0.1343
75	16.41	34.507	5.26	75	16.41	34.507	5.26	25.29	269	270	0.2018
82	16.41	*****	*****								

BUSAN 852 , STATION 313-03 , 33-24.4. N, 125-48.0. E, DEC.21.1988, 01:06 KST,
 DEPTH 96 , COLOR , TRANS. , WAVE N 5, SWELL N 2, WIND N 5 , BARO 1020.5,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE , AMT 05, WEATHER BC

0	16.34	34.500	5.30	0	16.34	34.500	5.30	25.30	268	267	0.0000
10	16.44	34.501	5.24	10	16.44	34.501	5.24	25.28	270	270	0.0268
20	16.46	34.495	5.26	20	16.46	34.495	5.26	25.27	271	271	0.0539
30	16.46	34.488	5.29	30	16.46	34.488	5.29	25.26	271	272	0.0811
50	16.46	34.494	5.21	50	16.46	34.494	5.21	25.27	271	272	0.1355
75	16.46	34.494	5.27	75	16.46	34.494	5.27	25.27	271	273	0.2037
90	16.47	34.505	5.20								

BUSAN 852 , STATION 313-04 ; 33-24.4. N, 125-36.0. E, DEC.21.1988, 00:07 KST,
 DEPTH 97 , COLOR , TRANS. , WAVE N 5, SWELL N 2, WIND N 5 , BARO 1021. ,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	16.39	34.476	5.22	0	16.39	34.476	5.22	25.27	270	270	0.0000
10	16.45	34.476	5.32	10	16.45	34.476	5.32	25.26	272	272	0.0271

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	16.45	34.487	5.21	20	16.45	34.487	5.21	25.26	271	271	0.0543
30	16.46	34.479	5.29	30	16.46	34.479	5.29	25.26	272	272	0.0815
50	16.45	34.467	5.22	50	16.45	34.467	5.22	25.25	272	274	0.1362
75	16.46	34.474	5.34	75	16.46	34.474	5.34	25.25	272	274	0.2048
91	16.47	34.475	5.34								

BUSAN 852 , STATION 313-05 , 33-24.4. N, 125-24.0. E, DEC.20.1988, 23:00 KST,
 DEPTH 93 , COLOR , TRANS. , WAVE NE 4, SWELL NE 1, WIND N 4 , BARO 1021.5,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	16.08	34.382	5.41	0	16.08	34.382	5.41	25.27	270	270	0.0000
10	16.32	34.375	5.46	10	16.32	34.375	5.46	25.21	276	276	0.0273
20	16.34	34.381	5.49	20	16.34	34.381	5.49	25.21	276	277	0.0550
30	16.34	34.397	5.42	30	16.34	34.397	5.42	25.22	275	276	0.0827
50	16.35	34.384	5.45	50	16.35	34.384	5.45	25.21	276	277	0.1381
75	16.30	34.390	5.31	75	16.30	34.390	5.31	25.22	275	277	0.2074
90	16.26	34.451	*****								

BUSAN 852 , STATION 313-06 , 33-24.4. N, 125-12.0. E, DEC.20.1988, 22:00 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE N 4, SWELL N 1, WIND N 4 , BARO 1021. ,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE , AMT 10, WEATHER C

0	15.24	34.071	5.50	0	15.24	34.071	5.50	25.22	275	275	0.0000
10	15.35	34.073	5.44	10	15.35	34.073	5.44	25.20	277	277	0.0276
20	15.35	34.077	5.54	20	15.35	34.077	5.54	25.20	277	277	0.0554
30	15.43	34.066	5.43	30	15.43	34.066	5.43	25.17	280	280	0.0833
50	15.85	34.264	5.42	50	15.85	34.264	5.42	25.23	274	275	0.1390
75	16.17	34.445	5.33	75	16.17	34.445	5.33	25.30	268	270	0.2072

BUSAN 852 , STATION 313-07 , 33-24.4. N, 125-00.0. E, DEC.20.1988, 21:00 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE N 5, SWELL N 2, WIND N 5 , BARO 1021.5,
 AIR TEMP. DRY 9.6, WET , CLOUD. TYPE , AMT , WEATHER R

0	15.95	34.361	5.36	0	15.95	34.361	5.36	25.28	269	269	0.0000
10	15.99	34.380	5.41	10	15.99	34.380	5.41	25.29	269	269	0.0269
20	15.99	34.358	5.40	20	15.99	34.358	5.40	25.27	270	271	0.0539
30	15.99	34.354	5.53	30	15.99	34.354	5.53	25.27	271	271	0.0810
50	16.07	34.370	5.57	50	16.07	34.370	5.57	25.26	271	272	0.1355
75	16.10	34.385	5.40	75	16.10	34.385	5.40	25.27	271	273	0.2037

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 313-08 , 33-24.4. N, 124-48.0. E, DEC.20.1988, 20:00 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE N 3, SWELL N 1, WIND N 3 , BARO 1021.5,
 AIR TEMP. DRY 9.6, WET , CLOUD. TYPE , AMT , WEATHER R

0	15.38	34.256	5.41	0	15.38	34.256	5.41	25.33	265	264	0.0000
10	15.76	34.229	5.46	10	15.76	34.229	5.46	25.22	275	275	0.0270
20	15.77	34.223	5.40	20	15.77	34.223	5.40	25.22	275	276	0.0545
30	15.75	34.232	5.52	30	15.75	34.232	5.52	25.23	274	275	0.0821
50	15.87	34.244	5.41	50	15.87	34.244	5.41	25.21	276	277	0.1374
75	15.91	34.282	5.42	75	15.91	34.282	5.42	25.23	274	276	0.2066

BUSAN 852 , STATION 313-09 , 33-24.4. N, 124-36.0. E, DEC.20.1988, 19:00 KST,
 DEPTH 77 , COLOR , TRANS. , WAVE N 3, SWELL N 1, WIND N 3 , BARO 1021.5,
 AIR TEMP. DRY 9.4, WET , CLOUD. TYPE , AMT , WEATHER R

0	15.57	34.083	5.51	0	15.57	34.083	5.51	25.15	281	281	0.0000
10	15.59	34.047	5.50	10	15.59	34.047	5.50	25.12	284	284	0.0283
20	15.59	34.053	5.44	20	15.59	34.053	5.44	25.13	284	284	0.0568
30	15.59	34.053	5.48	30	15.59	34.053	5.48	25.13	284	284	0.0852
50	15.63	34.087	5.37	50	15.63	34.087	5.37	25.14	282	283	0.1421
68	15.87	34.148	5.33								

BUSAN 852 , STATION 313-10 , 33-24.4. N, 124-24.0. E, DEC.20.1988, 18:00 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE N 3, SWELL N 1, WIND N 3 , BARO 1021. ,
 AIR TEMP. DRY 9.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	15.32	33.976	5.50	0	15.32	33.976	5.50	25.13	284	284	0.0000
10	15.49	33.986	5.57	10	15.49	33.986	5.57	25.10	287	287	0.0285
20	15.50	34.010	5.46	20	15.50	34.010	5.46	25.11	285	285	0.0572
30	15.51	34.006	5.49	30	15.51	34.006	5.49	25.11	286	286	0.0858
50	15.52	33.972	5.41	50	15.52	33.972	5.41	25.08	288	289	0.1435
75	15.53	33.981	5.54	75	15.53	33.981	5.54	25.08	288	290	0.2160

314 線 海洋觀測 成績 Oceanographic Data. Line 314

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, FEB.12.1988, 21:35 KST,
 DEPTH 155 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1020. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	16.99	34.761	5.48	0	16.99	34.761	5.48	25.35	263	263	0.0000
10	17.90	34.784	5.28	10	17.90	34.784	5.28	25.15	282	282	0.0272
19	18.16	34.781	5.28	20	18.19	34.780	5.28	25.07	289	290	0.0559
29	18.48	34.778	5.28	30	18.48	34.777	5.28	24.99	297	297	0.0853
51	18.69	34.776	5.33	50	18.68	34.776	5.32	24.95	301	302	0.1453
75	18.68	34.813	5.37	75	18.68	34.813	5.37	24.97	299	301	0.2208
101	18.53	34.776	5.37	100	18.53	34.777	5.37	24.98	298	300	0.2961
125	18.30	34.767	5.23	125	18.30	34.767	5.23	25.03	293	296	0.3708
150	16.17	34.628	5.10	150	16.17	34.628	5.10	25.44	254	259	0.4403

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, FEB.12.1988, 23:30 KST,
 DEPTH 130 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1021.5,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	16.74	34.826	5.38	0	16.74	34.826	5.38	25.46	253	252	0.0000
10	17.25	34.748	5.33	10	17.25	34.748	5.33	25.28	270	270	0.0261
20	17.45	34.756	5.43	20	17.45	34.756	5.43	25.23	274	274	0.0534
29	17.47	34.771	5.38	30	17.46	34.770	5.38	25.24	273	274	0.0808
49	17.44	34.766	5.38	50	17.43	34.766	5.37	25.24	273	274	0.1357
74	17.30	34.774	5.28	75	17.29	34.773	5.28	25.28	269	271	0.2039
100	17.16	34.752	5.43	100	17.16	34.752	5.43	25.30	267	270	0.2717
126	15.72	*****	5.38	125	15.77	*****	5.38	*****	***	***	*****

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, FEB.13.1988, 01:25 KST,
 DEPTH 116 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	16.19	34.757	5.48	0	16.19	34.757	5.48	25.53	246	245	0.0000
11	17.10	34.736	5.33	10	17.01	34.737	5.34	25.32	265	265	0.0255
19	17.46	34.725	5.47	20	17.45	34.725	5.45	25.21	276	277	0.0527
31	17.45	34.731	5.33	30	17.45	34.730	5.34	25.21	276	276	0.0804

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	17.27	34.737	5.23	50	17.27	34.737	5.23	25.26	271	272	0.1353
76	16.98	34.726	5.33	75	16.99	34.726	5.32	25.32	266	267	0.2029
101	16.70	34.727	5.28	100	16.71	34.726	5.28	25.39	259	262	0.2692
112	15.77	34.654	5.05								

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, FEB.13.1988, 02:55 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1022. ,
 ATR TEMP. DRY 9.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	15.94	34.701	5.23	0	15.94	34.701	5.23	25.55	244	244	0.0000
10	16.61	34.702	5.28	10	16.61	34.702	5.28	25.39	259	259	0.0251
21	18.20	34.701	5.08	20	18.05	34.701	5.09	25.04	292	292	0.0527
31	18.36	34.713	5.18	30	18.34	34.711	5.17	24.98	298	299	0.0823
50	18.30	34.693	5.18	50	18.30	34.693	5.18	24.98	298	299	0.1422
74	18.08	34.698	5.13	75	18.06	34.697	5.13	25.04	292	294	0.2166
102	17.76	34.694	5.28	100	17.78	34.694	5.26	25.11	286	289	0.2896

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, FEB.13.1988, 04:30 KST,
 DEPTH 105 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 ATR TEMP. DRY 8.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	16.22	34.714	5.08	0	16.22	34.714	5.08	25.49	249	249	0.0000
9	16.43	34.711	5.18	10	16.43	34.711	5.17	25.44	254	254	0.0252
19	16.51	34.713	5.13	20	16.52	34.713	5.12	25.42	256	256	0.0507
31	16.70	34.722	5.08	30	16.68	34.721	5.08	25.39	259	260	0.0766
51	16.82	34.714	5.13	50	16.81	34.714	5.12	25.35	262	264	0.1290
76	16.83	34.714	5.08	75	16.82	34.714	5.08	25.35	263	265	0.1952
101	16.75	34.710	5.18	100	16.75	34.710	5.17	25.36	261	264	0.2614

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, FEB.13.1988, 06:15 KST,
 DEPTH 104 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1021. ,
 ATR TEMP. DRY 8.2, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	18.62	34.652	5.42	0	18.62	34.652	5.42	24.87	309	308	0.0000
9	17.09	34.644	5.47	10	17.21	34.642	5.46	25.20	277	277	0.0293
20	18.43	34.629	5.42	20	18.43	34.629	5.42	24.90	306	306	0.0585
31	18.54	34.622	5.47	30	18.53	34.622	5.46	24.87	309	309	0.0893
49	18.26	34.639	5.62	50	18.24	34.641	5.62	24.95	301	302	0.1505
75	17.88	34.710	5.62	75	17.88	34.710	5.62	25.09	287	289	0.2245
100	17.63	34.665	5.42	100	17.63	34.665	5.42	25.12	285	287	0.2967

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, FEB.19.1988, 11:45 KST,
 DEPTH 120 , COLOR 4, TRANS. 8.0, WAVE NW 2, SWELL NW 2, WIND NW 4 , BARO 1030.5,
 AIR TEMP. DRY 7.7, WET , CLOUD. TYPE CS, AMT 07, WEATHER BC

0	12.76	34.701	5.67	0	12.76	34.701	5.67	26.22	180	179	0.0000
10	12.74	34.692	5.67	10	12.74	34.692	5.67	26.22	180	180	0.0180
21	16.84	34.670	5.67	20	16.46	34.672	5.67	25.40	258	258	0.0399
29	15.53	34.666	5.67	30	15.55	34.665	5.67	25.60	239	239	0.0648
51	16.16	34.659	5.67	50	16.13	34.659	5.67	25.47	251	253	0.1141
74	16.64	34.663	5.67	75	16.65	34.664	5.67	25.35	263	265	0.1788
99	17.12	34.696	5.72	100	17.11	34.695	5.71	25.27	271	273	0.2462
117	17.11	34.690	5.67								

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, FEB.19.1988, 13:20 KST,
 DEPTH 103 , COLOR 4, TRANS. 7.0, WAVE NW 2, SWELL NW 2, WIND NW 3 , BARO 1030. ,
 AIR TEMP. DRY 8.2, WET , CLOUD. TYPE CS, AMT 07, WEATHER BC

0	14.37	34.683	5.81	0	14.37	34.683	5.81	25.88	213	212	0.0000
11	15.11	34.637	5.77	10	15.04	34.641	5.77	25.70	229	229	0.0221
21	15.81	34.643	5.72	20	15.74	34.642	5.72	25.55	244	244	0.0458
31	16.42	34.647	5.72	30	16.35	34.646	5.72	25.41	257	258	0.0710
50	16.75	34.632	5.72	50	16.75	34.632	5.72	25.30	267	268	0.1237
75	16.70	34.634	5.72	75	16.70	34.634	5.72	25.32	266	268	0.1908
100	16.28	34.635	5.61	100	16.28	34.635	5.61	25.42	256	259	0.2568

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, FEB.19.1988, 15:05 KST,
 DEPTH 103 , COLOR 4, TRANS. 5.0, WAVE NW 2, SWELL NW 2, WIND NW 3 , BARO 1030. ,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE CS, AMT 07, WEATHER BC

0	14.45	34.592	5.86	0	14.45	34.592	5.86	25.79	221	221	0.0000
10	15.23	34.597	5.72	10	15.23	34.597	5.72	25.62	237	237	0.0229
20	16.28	34.577	5.81	20	16.28	34.577	5.81	25.37	261	261	0.0478
31	16.43	34.612	5.91	30	16.41	34.608	5.90	25.36	261	262	0.0740
50	16.46	34.593	5.81	50	16.46	34.593	5.81	25.34	263	265	0.1267
74	16.29	34.601	5.81	75	16.27	34.601	5.80	25.39	259	261	0.1925
100	15.99	34.607	5.67	100	15.99	34.607	5.67	25.46	252	255	0.2570

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, FEB.19.1988, 16:35 KST,
 DEPTH 85 , COLOR 4, TRANS. 7.0, WAVE NW 2, SWELL NW 2, WIND NW 3 , BARO 1029.5,
 AIR TEMP. DRY 5.6, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	14.83	34.535	5.91	0	14.83	34.535	5.91	25.66	233	232	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
9	14.85	34.522	5.77	10	14.94	34.522	5.77	25.63	236	236	0.0234
20	15.90	34.522	5.86	20	15.90	34.522	5.86	25.42	256	257	0.0481
29	16.05	34.522	5.77	30	16.03	34.522	5.77	25.39	259	260	0.0740
50	15.80	34.542	5.91	50	15.80	34.542	5.91	25.45	253	254	0.1255
76	15.16	34.516	5.72	75	15.18	34.517	5.72	25.57	241	243	0.1877
81	14.93	*****	*****								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, FEB.19.1988, 18:25 KST,
 DEPTH 84 , COLOR 4, TRANS. 7.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 ATR TEMP. DRY 5.6, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	12.76	34.157	5.96	0	12.76	34.157	5.96	25.80	220	219	0.0000
9	13.21	34.116	5.91	10	13.25	34.117	5.90	25.67	232	232	0.0226
20	13.74	34.132	5.86	20	13.74	34.132	5.86	25.59	240	241	0.0462
31	13.96	34.167	5.86	30	13.94	34.163	5.86	25.57	242	242	0.0705
50	14.11	34.127	5.91	50	14.11	34.127	5.91	25.50	248	249	0.1197
75	13.96	34.134	5.86	75	13.96	34.134	5.86	25.54	245	246	0.1817
82	13.90	*****	*****								

4 月 (April)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, APR.15.1988, 16:55 KST,
 DEPTH 165 , COLOR 3, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1019.5,
 ATR TEMP. DRY 16.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	16.65	34.754	5.62	0	16.65	34.754	5.62	25.42	256	256	0.0000
10	17.28	34.795	5.71	10	17.28	34.795	5.71	25.30	267	267	0.0261
21	17.22	34.763	5.67	20	17.22	34.765	5.67	25.29	268	268	0.0530
30	17.20	34.781	5.52	30	17.20	34.781	5.52	25.31	266	267	0.0798
49	17.13	34.811	5.52	50	17.12	34.809	5.52	25.35	262	264	0.1329
75	16.94	34.766	5.57	75	16.94	34.766	5.57	25.36	261	263	0.1989
101	16.70	34.813	5.28	100	16.70	34.811	5.29	25.45	253	256	0.2640
126	15.94	34.781	4.95	125	15.97	34.782	4.96	25.60	239	242	0.3263
151	15.24	34.756	4.81	150	15.26	34.757	4.81	25.74	226	230	0.3854
162	15.22	*****	*****								

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, APR.15.1988, 18:30 KST,
 DEPTH 142 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1019.5,
 ATR TEMP. DRY 16.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	16.81	34.739	5.62	0	16.81	34.739	5.62	25.37	261	260	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	16.75	34.784	5.67	10	16.75	34.784	5.67	25.42	256	256	0.0258
21	16.21	34.765	5.62	20	16.25	34.766	5.62	25.52	246	247	0.0510
31	16.69	34.733	5.57	30	16.64	34.736	5.57	25.41	257	258	0.0762
50	16.80	34.722	5.48	50	16.80	34.722	5.48	25.36	262	263	0.1284
75	16.75	34.730	5.48	75	16.75	34.730	5.48	25.38	260	262	0.1941
100	16.44	34.728	5.24	100	16.44	34.728	5.24	25.45	253	256	0.2589
124	16.16	34.736	5.05	125	16.15	34.736	5.04	25.52	246	250	0.3222
139	16.06	34.748	4.94								

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, APR.15.1988, 20:30 KST,
 DEPTH 126 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1020. ,
 ATR TEMP. DRY 15.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	16.57	34.827	5.44	0	16.57	34.827	5.44	25.50	249	248	0.0000
10	16.69	34.837	5.57	10	16.69	34.837	5.57	25.48	251	251	0.0250
20	16.63	34.721	5.57	20	16.63	34.721	5.57	25.40	258	258	0.0505
30	16.64	34.728	5.57	30	16.64	34.728	5.57	25.40	258	258	0.0763
50	16.56	34.729	5.43	50	16.56	34.729	5.43	25.42	256	257	0.1279
75	16.30	34.752	5.24	75	16.30	34.752	5.24	25.50	248	250	0.1914
100	16.01	34.731	5.33	100	16.01	34.731	5.33	25.55	243	246	0.2536
124	16.01	34.744	5.33								

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, APR.15.1988, 22:05 KST,
 DEPTH 108 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1020. ,
 ATR TEMP. DRY 15.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	17.38	34.717	5.62	0	17.38	34.717	5.62	25.22	275	275	0.0000
11	17.35	34.739	5.71	10	17.35	34.737	5.70	25.24	273	273	0.0274
20	17.06	34.735	5.52	20	17.06	34.735	5.52	25.31	266	267	0.0544
31	16.99	34.716	5.47	30	16.99	34.717	5.47	25.31	266	267	0.0812
51	16.62	34.711	5.45	50	16.63	34.711	5.45	25.39	259	260	0.1339
75	16.21	34.726	5.30	75	16.21	34.726	5.30	25.50	248	250	0.1978
101	15.93	34.717	5.24	100	15.94	34.717	5.24	25.56	243	246	0.2599

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, APR.15.1988, 23:45 KST,
 DEPTH 106 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1021. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	17.31	34.704	5.62	0	17.31	34.704	5.62	25.23	274	274	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	17.00	34.777	5.52	10	17.00	34.777	5.52	25.36	262	262	0.0268
20	17.32	34.761	5.57	20	17.32	34.761	5.57	25.27	270	271	0.0535
31	17.17	34.807	5.53	30	17.18	34.802	5.53	25.33	264	265	0.0803
50	16.91	*****	5.48	50	16.91	34.767	5.48	25.37	261	262	0.1331
75	16.55	34.715	5.42	75	16.55	34.715	5.42	25.42	256	258	0.1983
100	16.32	34.708	5.43	100	16.32	34.708	5.43	25.46	252	255	0.2625

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, APR.16.1988, 01:20 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1021. ,
 AIR TEMP. DRY 14.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	17.04	34.695	5.61	0	17.04	34.695	5.61	25.28	269	269	0.0000
10	17.51	34.695	5.86	10	17.51	34.695	5.86	25.17	280	280	0.0274
19	17.74	34.649	5.81	20	17.73	34.651	5.79	25.08	288	288	0.0559
30	17.70	34.676	5.67	30	17.70	34.676	5.67	25.11	285	286	0.0846
49	17.55	34.635	5.47	50	17.54	34.633	5.47	25.12	285	286	0.1419
75	17.41	34.607	5.48	75	17.41	34.607	5.48	25.13	284	286	0.2135
100	17.27	34.674	5.45	100	17.27	34.674	5.45	25.21	276	278	0.2842

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, APR.16.1988, 03:00 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1020. ,
 AIR TEMP. DRY 14.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.11	34.610	5.52	0	15.11	34.610	5.52	25.66	233	233	0.0000
11	17.61	34.618	5.67	10	17.38	34.617	5.65	25.14	282	282	0.0258
20	17.92	34.618	5.76	20	17.92	34.618	5.76	25.01	295	295	0.0547
30	17.97	34.617	5.47	30	17.97	34.617	5.47	25.00	296	297	0.0843
51	17.84	34.615	5.47	50	17.84	34.615	5.47	25.03	293	294	0.1435
75	17.35	34.627	5.52	75	17.35	34.627	5.52	25.16	281	283	0.2158
101	17.18	34.625	5.57	100	17.18	34.625	5.56	25.20	277	280	0.2863
107	17.01	*****	*****								

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, APR.16.1988, 04:30 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1020. ,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.87	34.564	5.67	0	14.87	34.564	5.67	25.68	231	231	0.0000
9	14.94	34.555	5.71	10	14.93	34.556	5.71	25.66	233	233	0.0232
20	14.87	34.576	5.80	20	14.87	34.576	5.80	25.69	231	231	0.0465

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	14.88	34.654	5.68	30	14.88	34.654	5.68	25.75	225	226	0.0694
50	14.89	34.591	5.48	50	14.89	34.591	5.48	25.69	230	231	0.1151
74	14.86	34.617	5.62	75	14.86	34.617	5.62	25.72	227	229	0.1728
98	14.92	34.622	5.67								

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, APR.16.1988, 06:30 KST,
 DEPTH 99 , COLOR , TRANS. , WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1020. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	13.35	34.246	5.95	0	13.35	34.246	5.95	25.75	224	224	0.0000
10	14.07	34.165	6.05	10	14.07	34.165	6.05	25.54	244	244	0.0234
20	13.68	34.194	6.00	20	13.68	34.194	6.00	25.65	235	235	0.0474
30	13.73	34.349	5.95	30	13.73	34.349	5.95	25.75	224	225	0.0705
50	13.96	34.361	5.71	50	13.96	34.361	5.71	25.72	228	229	0.1159
76	14.03	34.395	5.67	75	14.02	34.393	5.67	25.73	227	229	0.1732
85	13.93	34.387	5.67								

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, APR.16.1988, 07:50 KST,
 DEPTH 85 , COLOR 3, TRANS. 14.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1020.5,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	11.59	32.965	6.57	0	11.59	32.965	6.57	25.10	286	286	0.0000
11	11.75	33.144	6.36	10	11.73	33.127	6.37	25.20	277	277	0.0281
21	12.51	33.612	6.16	20	12.43	33.565	6.18	25.41	257	257	0.0549
30	12.34	33.894	6.10	30	12.34	33.894	6.10	25.68	231	232	0.0794
50	13.17	34.285	5.81	50	13.17	34.285	5.81	25.82	218	219	0.1246
75	13.33	34.337	5.67	75	13.33	34.337	5.67	25.83	217	219	0.1794
83	13.33	*****	*****								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, APR.16.1988, 09:25 KST,
 DEPTH 80 , COLOR 3, TRANS. 12.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1020. ,
 AIR TEMP. DRY 13.0, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	10.27	32.814	6.85	0	10.27	32.814	6.85	25.22	275	275	0.0000
11	10.44	32.714	6.94	10	10.42	32.723	6.93	25.12	285	284	0.0280
20	10.00	32.012	6.19	20	10.00	32.012	6.19	24.64	330	330	0.0588
31	10.51	33.221	6.00	30	10.46	33.111	6.01	25.42	256	257	0.0882
49	11.38	33.923	6.05	50	11.40	33.927	6.03	25.88	212	213	0.1352
75	12.03	34.045	5.71	75	12.03	34.045	5.71	25.86	215	216	0.1890

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月 (June)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, JUN.12.1988, 20:00 KST,
 DEPTH 155 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1000.5,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	20.91	32.615	5.31	0	20.91	32.615	5.31	22.72	513	513	0.0000
10	21.44	32.750	5.21	10	21.44	32.750	5.21	22.68	517	517	0.0515
20	18.75	33.457	5.63	20	18.75	33.457	5.63	23.92	399	399	0.0974
30	18.89	34.013	5.32	30	18.89	34.013	5.32	24.31	362	362	0.1355
50	18.75	34.459	4.79	50	18.75	34.459	4.79	24.69	326	327	0.2045
75	16.91	34.550	4.50	75	16.91	34.550	4.50	25.20	277	278	0.2804
100	14.88	34.464	4.57	100	14.88	34.464	4.57	25.60	239	241	0.3455
125	14.44	34.475	4.52	125	14.44	34.475	4.52	25.70	229	232	0.4048
150	14.05	34.595	4.30	150	14.05	34.595	4.30	25.88	213	216	0.4610

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, JUN.12.1988, 21:30 KST,
 DEPTH 134 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1001. ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	21.00	33.362	5.32	0	21.00	33.362	5.32	23.27	461	461	0.0000
10	20.65	33.692	5.23	10	20.65	33.692	5.23	23.61	429	429	0.0445
20	19.77	34.199	5.50	20	19.77	34.199	5.50	24.23	370	370	0.0845
30	17.87	34.385	5.16	30	17.87	34.385	5.16	24.85	311	311	0.1186
50	16.47	34.449	5.03	50	16.47	34.449	5.03	25.23	274	275	0.1773
75	15.45	34.543	4.57	75	15.45	34.543	4.57	25.53	245	247	0.2427
100	14.62	34.537	4.63	100	14.62	34.537	4.63	25.71	228	231	0.3026
125	14.53	34.464	4.62	125	14.53	34.464	4.62	25.67	232	235	0.3609

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, JUN.12.1988, 23:10 KST,
 DEPTH 116 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1002. ,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	21.22	33.258	5.25	0	21.22	33.258	5.25	23.13	475	474	0.0000
10	21.08	34.088	5.50	10	21.08	34.088	5.50	23.79	411	411	0.0443
20	20.87	34.315	5.37	20	20.87	34.315	5.37	24.02	389	389	0.0843
30	18.27	34.473	4.96	30	18.27	34.473	4.96	24.82	313	314	0.1196
50	17.52	34.477	4.85	50	17.52	34.477	4.85	25.00	296	297	0.1808
75	15.85	34.487	4.64	75	15.85	34.487	4.64	25.40	258	260	0.2505
100	15.23	34.547	4.44	100	15.23	34.547	4.44	25.59	240	243	0.3134
110	15.23	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, JUN.13.1988, 00:40 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1002. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	21.13	33.814	5.24	0	21.13	33.814	5.24	23.57	432	432	0.0000
10	20.95	34.048	5.52	10	20.95	34.048	5.52	23.80	410	410	0.0421
20	20.38	34.357	5.39	20	20.38	34.357	5.39	24.19	374	374	0.0814
30	18.40	34.557	4.93	30	18.40	34.557	4.93	24.85	310	311	0.1157
50	16.82	34.527	4.73	50	16.82	34.527	4.73	25.21	276	277	0.1746
75	14.79	34.524	4.78	75	14.79	34.524	4.78	25.66	233	235	0.2387
100	14.79	34.516	4.73	100	14.79	34.516	4.73	25.66	233	236	0.2977

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, JUN.13.1988, 02:10 KST,
 DEPTH 100 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1002. ,
 AIR TEMP. DRY 21.3, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	20.73	33.791	5.21	0	20.73	33.791	5.21	23.66	423	423	0.0000
10	20.82	34.310	5.71	10	20.82	34.310	5.71	24.03	388	388	0.0406
20	18.93	34.423	5.33	20	18.93	34.423	5.33	24.61	333	333	0.0767
30	18.01	34.541	5.08	30	18.01	34.541	5.08	24.93	302	303	0.1085
50	16.03	34.570	4.88	50	16.03	34.570	4.88	25.42	256	257	0.1646
75	14.88	34.547	4.80	75	14.88	34.547	4.80	25.66	233	235	0.2262
95	14.88	34.547	4.83								

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, JUN.13.1988, 03:40 KST,
 DEPTH 105 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1002. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	21.04	33.977	5.23	0	21.04	33.977	5.23	23.72	418	418	0.0000
10	20.87	34.399	5.38	10	20.87	34.399	5.38	24.09	383	383	0.0400
20	20.25	34.563	5.16	20	20.25	34.563	5.16	24.38	355	356	0.0770
30	18.75	34.578	4.87	30	18.75	34.578	4.87	24.78	317	318	0.1107
50	16.16	*****	4.77	50	16.16	34.569	4.77	25.39	259	260	0.1686
75	14.88	34.559	4.71	75	14.88	34.559	4.71	25.67	232	234	0.2304
100	14.88	34.536	4.82	100	14.88	34.536	4.82	25.65	234	236	0.2893

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, JUN.14.1988, 07:50 KST,
 DEPTH 111 , COLOR 3, TRANS. 14.0, WAVE WSW 1, SWELL WSW 1, WIND WSW 2 , BARO 1004.5,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	20.69	34.129	5.18	0	20.69	34.129	5.18	23.93	398	398	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	19.99	34.408	5.52	10	19.99	34.408	5.52	24.33	360	360	0.0379
20	18.45	34.540	5.20	20	18.45	34.540	5.20	24.82	313	313	0.0716
30	17.65	34.555	5.12	30	17.65	34.555	5.12	25.03	293	294	0.1020
50	16.91	34.558	4.91	50	16.91	34.558	4.91	25.21	276	277	0.1592
75	15.32	34.588	4.63	75	15.32	34.588	4.63	25.60	239	241	0.2241
100	15.19	34.567	4.68	100	15.19	34.567	4.68	25.61	238	240	0.2844
105	15.19	*****	*****								

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, JUN.14.1988, 09:25 KST,
 DEPTH 102 , COLOR 3, TRANS. 14.0, WAVE WSW 1, SWELL WSW 1, WIND WSW 2 , BARO 1004. ,
 AIR TEMP. DRY 22.8, WET , CLOUD. TYPE CI, AMT 08, WEATHER C

0	21.22	33.990	5.32	0	21.22	33.990	5.32	23.68	422	421	0.0000
10	21.17	33.968	5.46	10	21.17	33.968	5.46	23.68	422	422	0.0422
20	19.81	34.328	5.37	20	19.81	34.328	5.37	24.31	361	362	0.0814
30	18.14	34.477	5.18	30	18.14	34.477	5.18	24.85	310	311	0.1151
50	15.76	34.591	4.93	50	15.76	34.591	4.93	25.50	248	249	0.1712
75	15.15	34.581	4.69	75	15.15	34.581	4.69	25.63	236	238	0.2322
95	15.15	34.609	4.82								

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, JUN.14.1988, 11:10 KST,
 DEPTH 103 , COLOR 3, TRANS. 11.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1004.5,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	21.00	33.882	5.33	0	21.00	33.882	5.33	23.66	424	423	0.0000
10	20.69	34.309	5.49	10	20.69	34.309	5.49	24.07	385	385	0.0404
20	19.99	34.502	5.42	20	19.99	34.502	5.42	24.40	353	354	0.0774
30	17.70	34.572	5.03	30	17.70	34.572	5.03	25.03	293	294	0.1098
50	15.94	34.567	4.92	50	15.94	34.567	4.92	25.44	254	255	0.1648
75	15.45	34.582	4.68	75	15.45	34.582	4.68	25.56	242	244	0.2273
95	15.45	34.578	4.77								

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, JUN.14.1988, 12:40 KST,
 DEPTH 93 , COLOR 3, TRANS. 12.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1004.5,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	21.13	33.539	5.45	0	21.13	33.539	5.45	23.36	452	452	0.0000
10	20.34	34.262	5.56	10	20.34	34.262	5.56	24.12	379	379	0.0416
20	18.40	34.549	5.43	20	18.40	34.549	5.43	24.84	311	311	0.0761

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	17.26	34.540	5.22	30	17.26	34.540	5.22	25.11	285	286	0.1060
50	15.85	34.556	4.97	50	15.85	34.556	4.97	25.45	253	254	0.1601
75	15.72	34.592	4.91	75	15.72	34.592	4.91	25.51	247	249	0.2231
85	15.72	*****	4.71								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, JUN.14.1988, 14:25 KST,
 DEPTH 83 , COLOR 3, TRANS. 12.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1003. ,
 ATR TEMP. DRY 25.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	20.25	32.730	5.43	0	20.25	32.730	5.43	22.98	488	488	0.0000
10	19.99	34.143	5.58	10	19.99	34.143	5.58	24.13	379	379	0.0434
20	19.41	34.470	5.69	20	19.41	34.470	5.69	24.53	341	341	0.0794
30	17.57	34.443	5.21	30	17.57	34.443	5.21	24.96	299	300	0.1116
50	15.76	34.471	5.04	50	15.76	34.471	5.04	25.41	257	258	0.1675
75	15.67	34.478	5.07	75	15.67	34.478	5.07	25.43	255	256	0.2319
80	15.67	*****	*****								

8 月(August)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, AUG.17.1988, 03:30 KST,
 DEPTH 146 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1001. ,
 ATR TEMP. DRY 27.0, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	29.17	33.116	4.47	0	29.17	33.116	4.47	20.61	716	715	0.0000
11	29.87	33.166	4.50	10	29.80	33.161	4.49	20.43	733	733	0.0724
19	28.56	33.620	4.76	20	28.41	33.620	4.72	21.24	655	656	0.1419
29	27.11	33.622	4.36	30	27.08	33.661	4.33	21.70	611	612	0.2053
48	26.60	34.364	3.89	50	26.25	34.371	3.88	22.50	535	536	0.3202
77	21.54	34.476	3.82	75	21.88	34.468	3.82	23.86	405	407	0.4381
101	17.41	34.504	3.79	100	17.58	34.502	3.79	25.01	295	298	0.5264
124	14.91	34.565	3.81	125	14.90	34.566	3.82	25.67	232	235	0.5931
142	14.81	34.584	4.05								

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, AUG.17.1988, 05:05 KST,
 DEPTH 146 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1001. ,
 ATR TEMP. DRY 25.6, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	28.39	32.653	4.55	0	28.39	32.653	4.55	20.52	724	724	0.0000
11	28.33	33.166	4.59	10	28.33	33.119	4.58	20.89	689	689	0.0706

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
21	28.47	33.579	4.54	20	28.45	33.537	4.54	21.16	663	663	0.1383
30	23.74	34.091	4.29	30	23.74	34.091	4.29	23.05	482	483	0.1956
50	22.39	34.252	4.25	50	22.39	34.252	4.25	23.56	434	435	0.2875
75	18.02	34.431	4.12	75	18.02	34.431	4.12	24.85	311	313	0.3811
102	16.10	34.481	4.20	100	16.24	34.477	4.19	25.30	267	270	0.4540
125	15.04	34.496	4.11	125	15.04	34.496	4.11	25.59	240	243	0.5182
144	15.05	34.710	4.03								

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, AUG.17.1988, 06:55 KST,
 DEPTH 124 , COLOR 3, TRANS. 15.0, WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1001. ,
 AIR TEMP. DRY 27.8, WET , CLOUD. TYPE AC, AMT 08, WEATHER C

0	28.27	32.274	4.55	0	28.27	32.274	4.55	20.28	748	747	0.0000
10	28.14	*****	4.51	10	28.14	32.502	4.51	20.49	727	727	0.0737
19	28.41	32.709	4.65	20	28.18	32.816	4.62	20.71	706	706	0.1454
32	25.42	34.101	4.27	30	25.88	33.886	4.32	22.25	559	559	0.2087
50	19.28	34.126	4.02	50	19.28	34.126	4.02	24.30	363	364	0.3012
78	15.36	34.236	4.14	75	15.78	34.224	4.12	25.22	276	277	0.3815
100	14.57	34.349	4.13	100	14.57	34.349	4.13	25.58	241	243	0.4467
122	14.59	34.360	4.33								

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, AUG.17.1988, 08:30 KST,
 DEPTH 107 , COLOR 3, TRANS. 13.0, WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1001.5,
 AIR TEMP. DRY 27.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	27.64	31.474	4.53	0	27.64	31.474	4.53	19.88	786	785	0.0000
9	27.91	32.083	4.45	10	27.76	32.191	4.50	20.38	738	738	0.0762
20	26.30	33.271	5.02	20	26.30	33.271	5.02	21.65	615	616	0.1439
31	22.45	34.225	4.25	30	22.80	34.138	4.32	23.35	453	454	0.1974
51	18.67	34.299	3.93	50	18.85	34.295	3.94	24.53	340	342	0.2770
74	15.60	34.235	4.29	75	15.57	34.240	4.28	25.28	270	272	0.3538
100	14.82	34.388	4.23	100	14.82	34.388	4.23	25.55	243	246	0.4186

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, AUG.17.1988, 10:00 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1002. ,
 AIR TEMP. DRY 28.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	28.01	30.959	4.55	0	28.01	30.959	4.55	19.38	834	834	0.0000
10	27.90	31.359	4.53	10	27.90	31.359	4.53	19.71	802	802	0.0818
19	24.77	33.238	4.82	20	24.27	33.345	4.77	22.33	551	551	0.1495

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
29	19.79	34.317	4.32	30	19.67	34.318	4.30	24.34	359	359	0.1951
50	17.37	34.346	4.10	50	17.37	34.346	4.10	24.94	302	303	0.2614
75	15.87	34.386	4.21	75	15.87	34.386	4.21	25.32	266	267	0.3328
99	14.97	34.386	4.13	100	14.97	*****	*****	*****	***	***	*****
107	14.98	*****	*****								

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, AUG.17.1988, 11:25 KST,
 DEPTH 102 , COLOR 3, TRANS. 12.0, WAVE SW 2, SWELL SW 1, WIND SW 4 , BARO 1001.5,
 AIR TEMP. DRY 28.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	27.90	30.269	4.52	0	27.90	30.269	4.52	18.90	880	880	0.0000
10	27.53	33.102	4.72	10	27.53	33.102	4.72	21.14	665	665	0.0773
21	24.24	34.056	4.55	20	24.53	33.969	4.56	22.72	514	514	0.1363
30	19.10	34.272	4.30	30	19.10	34.272	4.30	24.45	348	349	0.1794
50	16.24	34.370	4.25	50	16.24	34.370	4.25	25.22	275	276	0.2420
76	15.13	34.393	4.35	75	15.17	34.392	4.34	25.48	250	252	0.3081
100	14.98	34.399	4.40	100	14.98	34.399	4.40	25.53	246	248	0.3708

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, AUG.18.1988, 09:10 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1002. ,
 AIR TEMP. DRY 26.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	25.51	30.602	4.49	0	25.51	30.602	4.49	19.89	785	784	0.0000
8	25.39	32.095	4.71	10	24.32	32.376	4.72	21.58	623	623	0.0703
20	19.01	33.785	4.82	20	19.01	33.785	4.82	24.11	381	381	0.1206
32	17.81	34.362	4.47	30	18.01	34.265	4.52	24.72	322	323	0.1559
49	16.05	34.314	4.39	50	15.99	34.317	4.38	25.24	273	275	0.2157
74	14.75	34.409	4.30	75	14.74	34.409	4.30	25.59	240	242	0.2804
100	14.74	34.425	4.37	100	14.74	34.425	4.37	25.60	239	241	0.3410

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, AUG.18.1988, 10:45 KST,
 DEPTH 110 , COLOR 3, TRANS. 12.0, WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1002. ,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	28.35	30.462	4.51	0	28.35	30.462	4.51	18.90	881	880	0.0000
10	28.19	31.438	4.60	10	28.19	31.438	4.60	19.68	805	805	0.0843
20	18.26	34.312	5.06	20	18.26	34.312	5.06	24.70	325	325	0.1408
30	15.96	34.515	4.60	30	15.96	34.515	4.60	25.40	258	259	0.1701

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
49	15.04	34.528	4.43	50	15.04	34.527	4.42	25.61	238	239	0.2199
74	15.04	34.523	4.35	75	15.03	34.523	4.34	25.61	238	240	0.2799
101	14.98	34.526	4.13	100	14.98	34.525	4.13	25.62	237	239	0.3399

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, AUG.18.1988, 12:25 KST,
 DEPTH 104 , COLOR 3, TRANS. 13.0, WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1001.5,
 AIR TEMP. DRY 28.2, WET , CLOUD. TYPE CS, AMT 10, WEATHER C

0	29.57	30.277	4.60	0	29.57	30.277	4.60	18.35	933	932	0.0000
10	28.67	30.331	4.65	10	28.67	30.331	4.65	18.69	900	900	0.0916
21	17.26	33.629	5.32	20	18.29	33.329	5.25	23.94	397	398	0.1566
30	12.67	34.012	5.06	30	12.67	34.012	5.06	25.71	229	229	0.1879
50	12.94	34.001	4.75	50	12.94	34.001	4.75	25.65	235	235	0.2345
74	13.68	34.143	4.55	75	13.70	34.147	4.54	25.61	238	240	0.2941
102	14.27	34.276	4.53	100	14.22	34.266	4.53	25.59	240	243	0.3545

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, AUG.18.1988, 13:55 KST,
 DEPTH 95 , COLOR 3, TRANS. 14.0, WAVE SE 1, SWELL SE 1, WIND SE 2 , BARO 1001.5,
 AIR TEMP. DRY 29.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	29.92	30.128	4.48	0	29.92	30.128	4.48	18.13	955	954	0.0000
9	28.93	30.149	4.55	10	28.19	30.399	4.61	18.90	880	880	0.0917
21	20.16	33.149	5.37	20	20.89	32.899	5.30	22.94	492	492	0.1604
31	14.70	33.198	5.04	30	15.24	33.193	5.07	24.54	340	340	0.2021
50	10.88	33.233	4.71	50	10.88	33.233	4.71	25.44	254	255	0.2617
76	10.94	33.248	4.61	75	10.93	33.247	4.61	25.44	254	256	0.3257
91	10.93	33.260	4.51								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, AUG.18.1988, 15:30 KST,
 DEPTH 83 , COLOR 3, TRANS. 15.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1001.5,
 AIR TEMP. DRY 29.0, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	27.79	31.554	4.66	0	27.79	31.554	4.66	19.89	784	784	0.0000
11	27.54	32.218	4.74	10	27.56	32.157	4.73	20.42	734	734	0.0759
20	23.63	33.219	5.12	20	23.63	33.219	5.12	22.42	542	542	0.1398
32	13.01	33.234	4.86	30	14.78	33.231	4.90	24.67	327	328	0.1833
49	10.76	33.242	4.83	50	10.75	33.246	4.82	25.47	251	252	0.2414
76	10.75	33.371	4.76	75	10.75	33.366	4.76	25.56	242	244	0.3035

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, OCT.17.1988, 22:00 KST,
 DEPTH 154 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1012.5,
 AIR TEMP. DRY 21.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	26.32	34.246	4.85	0	26.32	34.246	4.85	22.38	546	546	0.0000
11	27.24	34.220	4.86	10	27.15	34.222	4.85	22.10	573	573	0.0559
21	27.09	34.211	4.80	20	27.10	34.211	4.80	22.11	572	572	0.1132
30	27.23	34.191	4.89	30	27.23	34.191	4.89	22.05	577	578	0.1708
50	26.34	34.138	4.35	50	26.34	34.138	4.35	22.29	554	556	0.2843
74	25.22	34.093	3.88	75	24.95	34.092	3.87	22.69	517	519	0.4187
100	18.38	34.074	3.85	100	18.38	34.074	3.85	24.48	345	348	0.5272
125	18.78	34.237	3.94	125	18.78	34.237	3.94	24.51	343	346	0.6141
150	17.04	34.560	3.88	150	17.04	34.560	3.88	25.18	279	283	0.6928

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, OCT.17.1988, 23:45 KST,
 DEPTH 132 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1012. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	25.32	34.214	4.80	0	25.32	34.214	4.80	22.67	519	518	0.0000
9	25.46	34.131	4.94	10	25.60	34.134	4.93	22.52	532	533	0.0525
20	27.01	34.171	4.84	20	27.01	34.171	4.84	22.11	572	572	0.1078
30	27.18	34.126	4.79	30	27.18	34.126	4.79	22.02	581	581	0.1656
50	27.12	34.173	4.30	50	27.12	34.173	4.30	22.07	575	577	0.2815
75	18.77	34.060	3.60	75	18.77	34.060	3.60	24.38	355	357	0.3983
101	16.05	33.977	3.66	100	16.15	33.980	3.65	24.94	301	304	0.4811
125	14.88	34.081	3.72	125	14.88	34.081	3.72	25.30	267	270	0.5530
129	14.80	*****	*****								

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, OCT.18.1988, 01:15 KST,
 DEPTH 115 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 6 , BARO 1012. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	24.94	34.252	4.79	0	24.94	34.252	4.79	22.81	505	504	0.0000
10	26.13	34.248	4.84	10	26.13	34.248	4.84	22.44	540	540	0.0522
20	26.74	34.272	4.79	20	26.74	34.272	4.79	22.27	557	557	0.1071
30	26.75	*****	4.69	30	26.75	34.265	4.69	22.26	557	558	0.1629
50	23.79	34.252	4.04	50	23.79	34.252	4.04	23.15	472	473	0.2662

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
76	17.14	34.076	3.61	75	17.39	34.082	3.62	24.73	322	324	0.3659
100	16.21	34.021	3.59	100	16.21	34.021	3.59	24.96	300	302	0.4442
109	15.36	34.039	3.49								

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, OCT.18.1988, 02:50 KST,
 DEPTH 106 , COLOR , TRANS. , WAVE NW 4, SWELL NW 2, WIND NW 6 , BARO 1012. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	22.76	34.030	4.88	0	22.76	34.030	4.88	23.28	460	459	0.0000
10	25.89	33.964	4.84	10	25.89	33.964	4.84	22.30	553	553	0.0506
20	25.82	34.021	4.97	20	25.82	34.021	4.97	22.37	547	547	0.1057
31	25.24	34.042	4.48	30	25.29	34.040	4.52	22.54	530	531	0.1597
50	20.60	34.026	3.91	50	20.60	34.026	3.91	23.88	403	404	0.2533
75	16.45	34.098	3.80	75	16.45	34.098	3.80	24.97	299	301	0.3416
100	15.49	34.430	3.71	100	15.49	34.430	3.71	25.44	254	257	0.4115

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, OCT.18.1988, 05:00 KST,
 DEPTH 109 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1013. ,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	23.92	33.550	4.99	0	23.92	33.550	4.99	22.59	526	526	0.0000
11	23.36	33.535	5.06	10	23.41	33.536	5.05	22.72	513	513	0.0520
20	23.93	34.203	4.89	20	23.93	34.203	4.89	23.08	480	480	0.1017
30	23.03	34.470	4.46	30	23.03	34.470	4.46	23.54	435	436	0.1475
50	21.45	34.325	3.78	50	21.45	34.325	3.78	23.87	403	405	0.2317
76	17.41	34.056	4.07	75	17.56	34.066	4.05	24.68	327	329	0.3234
100	17.02	34.016	4.39	100	17.02	34.016	4.39	24.77	318	321	0.4047
107	17.02	*****	*****								

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, OCT.18.1988, 06:50 KST,
 DEPTH 106 , COLOR 4, TRANS. 10.0, WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1013. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	23.27	33.723	4.98	0	23.27	33.723	4.98	22.91	496	495	0.0000
10	24.04	33.714	4.94	10	24.04	33.714	4.94	22.67	518	518	0.0507
21	24.22	33.735	4.99	20	24.20	33.733	4.98	22.64	521	521	0.1027
30	22.26	33.712	4.66	30	22.26	33.712	4.66	23.18	469	470	0.1523
49	20.36	33.850	4.05	50	20.15	33.852	4.04	23.86	404	406	0.2399
74	15.18	33.918	4.01	75	15.17	33.923	4.02	25.12	285	286	0.3266
100	14.97	34.052	4.48	100	14.97	34.052	4.48	25.26	271	273	0.3967

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, OCT.19.1988, 10:40 KST,
 DEPTH 110 , COLOR 4, TRANS. 10.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1021. ,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	21.28	33.391	5.25	0	21.28	33.391	5.25	23.21	467	466	0.0000
11	22.24	33.524	5.06	10	22.15	33.511	5.07	23.06	481	481	0.0474
20	20.90	33.644	4.89	20	20.90	33.644	4.89	23.51	438	439	0.0934
30	19.77	33.909	4.65	30	19.77	33.909	4.65	24.01	391	391	0.1349
51	17.39	33.952	4.18	50	17.50	33.949	4.20	24.60	334	335	0.2077
76	17.63	33.937	4.10	75	17.62	33.937	4.10	24.57	337	339	0.2920
100	17.74	33.933	4.34	100	17.74	33.933	4.34	24.53	340	343	0.3774
106	17.75	*****	*****								

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, OCT.19.1988, 12:10 KST,
 DEPTH 110 , COLOR 4, TRANS. 11.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1020.5,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.42	33.213	5.30	0	20.42	33.213	5.30	23.31	457	457	0.0000
10	23.34	33.232	5.21	10	23.34	33.232	5.21	22.51	533	533	0.0495
20	23.32	33.206	5.24	20	23.32	33.206	5.24	22.50	534	535	0.1030
29	23.18	33.206	5.27	30	22.94	33.207	5.24	22.61	524	525	0.1560
51	17.93	33.246	4.61	50	18.16	33.244	4.64	23.90	400	402	0.2487
76	17.14	33.333	4.24	75	17.17	33.329	4.25	24.21	371	373	0.3457
99	16.83	33.510	4.03	100	16.81	*****	*****	*****	***	***	*****
106	16.75	*****	*****								

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, OCT.19.1988, 14:00 KST,
 DEPTH 107 , COLOR 4, TRANS. 12.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1019. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	23.15	32.764	5.30	0	23.15	32.764	5.30	22.22	562	561	0.0000
10	23.21	32.804	5.28	10	23.21	32.804	5.28	22.23	561	561	0.0561
21	23.36	33.277	5.16	20	23.34	33.234	5.17	22.51	533	534	0.1109
31	23.70	33.302	5.18	30	23.66	33.299	5.17	22.47	537	538	0.1645
51	17.34	33.574	4.79	50	17.65	33.560	4.80	24.27	366	367	0.2551
75	17.26	34.145	4.05	75	17.26	34.145	4.05	24.81	314	316	0.3405
100	16.81	34.215	3.83	100	16.81	34.215	3.83	24.97	299	301	0.4178

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, OCT.19.1988, 15:40 KST,
 DEPTH 97 , COLOR 4, TRANS. 12.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1019. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	22.77	32.616	5.39	0	22.77	32.616	5.39	22.21	562	562	0.0000
11	22.82	32.612	5.29	10	22.81	32.612	5.29	22.20	564	564	0.0563
21	22.87	32.666	5.29	20	22.86	32.660	5.29	22.22	561	562	0.1126
31	19.87	33.546	4.94	30	20.17	33.458	4.97	23.56	433	434	0.1624
49	16.20	33.874	4.51	50	16.18	33.876	4.49	24.86	310	311	0.2370
75	15.74	33.929	4.18	75	15.74	33.929	4.18	25.00	296	298	0.3132
92	15.15	33.913	4.18								

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, OCT.19.1988, 17:10 KST,
 DEPTH 96 , COLOR 4, TRANS. 11.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1018.5,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	20.70	32.943	5.25	0	20.70	32.943	5.25	23.03	484	484	0.0000
10	22.19	32.993	5.32	10	22.19	32.993	5.32	22.66	519	519	0.0502
20	22.31	33.196	5.39	20	22.31	33.196	5.39	22.78	508	508	0.1016
30	21.55	33.670	4.85	30	21.55	33.670	4.85	23.35	453	454	0.1497
50	13.71	33.827	4.34	50	13.71	33.827	4.34	25.36	262	263	0.2215
75	14.19	33.835	4.29	75	14.19	33.835	4.29	25.26	271	273	0.2886
93	13.98	33.839	4.15								

12月(December)

BUSAN 852 , STATION 314-00 , 33-00.0. N, 128-00.0. E, DEC.18.1988, 21:00 KST,
 DEPTH 157 , COLOR , TRANS. , WAVE SSW 3, SWELL SSW 1, WIND SSW 3 , BARO 1024. ,
 AIR TEMP. DRY 12.6, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	18.95	34.491	5.14	0	18.95	34.491	5.14	24.66	328	328	0.0000
10	21.51	34.513	5.21	10	21.51	34.513	5.21	24.00	391	391	0.0360
21	21.34	34.514	5.10	20	21.35	34.513	5.11	24.04	387	388	0.0750
31	20.73	34.498	5.16	30	20.79	34.499	5.15	24.18	374	374	0.1131
50	21.48	34.490	5.07	50	21.48	34.490	5.07	23.99	392	394	0.1900
75	21.45	34.512	5.12	75	21.45	34.512	5.12	24.02	390	392	0.2883
100	21.46	34.496	5.16	100	21.46	34.496	5.16	24.00	391	394	0.3867
124	21.39	34.488	5.17	125	21.27	34.492	5.14	24.05	387	391	0.4849
150	18.52	34.596	4.61	150	18.52	34.596	4.61	24.85	310	315	0.5732

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 314-01 , 33-00.0. N, 127-42.0. E, DEC.18.1988, 22:35 KST,
 DEPTH 132 , COLOR , TRANS. , WAVE SSW 4, SWELL SSW 1, WIND SSW 4 , BARO 1024. ,
 ATR TEMP. DRY 12.9, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	21.67	34.583	5.14	0	21.67	34.583	5.14	24.01	390	390	0.0000
11	21.75	34.557	5.26	10	21.74	34.559	5.24	23.97	394	394	0.0392
19	21.75	34.530	5.06	20	21.74	34.529	5.06	23.95	396	397	0.0788
30	21.74	34.523	5.10	30	21.74	34.523	5.10	23.94	397	397	0.1186
51	21.68	34.549	5.08	50	21.68	34.547	5.08	23.98	393	395	0.1979

BUSAN 852 , STATION 314-02 , 33-00.0. N, 127-24.0. E, DEC.19.1988, 00:10 KST,
 DEPTH 113 , COLOR , TRANS. , WAVE SSW 3, SWELL SSW 1, WIND SSW 3 , BARO 1023. ,
 ATR TEMP. DRY 12.2, WET , CLOUD. TYPE , AMT 07, WEATHER BC

0	21.47	34.522	5.16	0	21.47	34.522	5.16	24.02	390	389	0.0000
9	21.44	34.493	5.14	10	21.44	34.495	5.13	24.01	391	391	0.0390
21	21.44	34.520	5.13	20	21.44	34.517	5.13	24.02	389	390	0.0781
30	21.42	34.491	5.08	30	21.42	34.491	5.08	24.01	391	391	0.1172
51	21.32	34.480	5.08	50	21.32	34.480	5.08	24.03	389	390	0.1954
75	21.13	34.478	5.14	75	21.13	34.478	5.14	24.08	384	386	0.2926
99	20.65	34.457	5.01	100	20.53	34.459	5.01	24.22	370	373	0.3876
109	19.54	34.479	5.10								

BUSAN 852 , STATION 314-03 , 33-00.0. N, 127-06.0. E, DEC.19.1988, 01:45 KST,
 DEPTH 106 , COLOR , TRANS. , WAVE SW 4, SWELL SW 2, WIND SW 5 , BARO 1021. ,
 ATR TEMP. DRY 13.6, WET , CLOUD. TYPE , AMT 09, WEATHER C

0	17.96	34.433	5.09	0	17.96	34.433	5.09	24.86	309	309	0.0000
10	17.96	34.424	5.14	10	17.96	34.424	5.14	24.86	310	310	0.0309
20	17.97	34.432	5.10	20	17.97	34.432	5.10	24.86	309	310	0.0620
30	17.99	34.433	5.11	30	17.99	34.433	5.11	24.85	310	310	0.0930
50	17.99	34.425	5.07	50	17.99	34.425	5.07	24.85	310	312	0.1553
75	18.00	34.442	5.17	75	18.00	34.442	5.17	24.86	309	311	0.2333
100	17.02	34.444	5.12	100	17.02	34.444	5.12	25.10	287	289	0.3085

BUSAN 852 , STATION 314-04 , 33-00.0. N, 126-48.0. E, DEC.19.1988, 03:25 KST,
 DEPTH 109 , COLOR , TRANS. , WAVE SSW 4, SWELL SSW 2, WIND S 5 , BARO 1021. ,
 ATR TEMP. DRY 14.2, WET , CLOUD. TYPE , AMT , WEATHER R

0	17.78	34.448	5.21	0	17.78	34.448	5.21	24.92	304	304	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	17.80	34.460	5.09	10	17.80	34.460	5.09	24.92	303	303	0.0303
20	17.65	34.466	5.32	20	17.65	34.466	5.32	24.96	300	300	0.0606
30	17.47	34.439	5.10	30	17.47	34.439	5.10	24.99	297	298	0.0905
50	17.36	34.469	5.19	50	17.36	34.469	5.19	25.04	293	294	0.1498
75	17.29	34.443	5.13	75	17.29	34.443	5.13	25.03	293	295	0.2235
100	16.55	34.469	4.98	100	16.55	34.469	4.98	25.23	274	277	0.2951

BUSAN 852 , STATION 314-05 , 33-00.0. N, 126-30.0. E, DEC.19.1988, 05:00 KST,
 DEPTH 106 , COLOR , TRANS. , WAVE WSW 4, SWELL WSW 2, WIND SW 5 , BARO 1019.5,
 AIR TEMP. DRY 14.5, WET , CLOUD. TYPE , AMT , WEATHER R

0	16.63	34.522	4.89	0	16.63	34.522	4.89	25.25	272	272	0.0000
10	16.65	34.516	4.90	10	16.65	34.516	4.90	25.24	273	273	0.0273
20	16.66	34.555	4.88	20	16.66	34.555	4.88	25.27	271	271	0.0545
30	16.66	34.528	4.81	30	16.66	34.528	4.81	25.25	273	273	0.0818
50	16.67	34.539	4.90	50	16.67	34.539	4.90	25.25	272	273	0.1365
75	16.67	34.566	4.92	75	16.67	34.566	4.92	25.27	270	272	0.2048
100	16.65	34.591	4.80	100	16.65	34.591	4.80	25.30	268	270	0.2727

BUSAN 852 , STATION 314-06 , 33-00.0. N, 126-12.0. E, DEC.20.1988, 08:20 KST,
 DEPTH 121 , COLOR 3, TRANS. 15.0, WAVE NNW 4, SWELL NNW 1, WIND NNW 4 , BARO 1021.5,
 AIR TEMP. DRY 11.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	17.03	34.505	5.17	0	17.03	34.505	5.17	25.14	283	282	0.0000
10	17.07	34.462	5.12	10	17.07	34.462	5.12	25.10	287	287	0.0284
20	17.06	34.462	5.17	20	17.06	34.462	5.17	25.10	286	287	0.0572
30	17.05	34.462	5.16	30	17.05	34.462	5.16	25.10	286	287	0.0859
50	17.03	34.466	5.19	50	17.03	34.466	5.19	25.11	285	287	0.1433
75	16.98	34.466	5.03	75	16.98	34.466	5.03	25.12	284	286	0.2150
100	16.78	34.544	4.87	100	16.78	34.544	4.87	25.23	274	277	0.2855
115	16.78	34.541	4.61								

BUSAN 852 , STATION 314-07 , 33-00.0. N, 125-54.0. E, DEC.20.1988, 09:50 KST,
 DEPTH 118 , COLOR 3, TRANS. 12.0, WAVE NNE 3, SWELL NNE 1, WIND N 3 , BARO 1021.5,
 AIR TEMP. DRY 11.2, WET , CLOUD. TYPE CC, AMT 07, WEATHER BC

0	16.68	34.518	5.18	0	16.68	34.518	5.18	25.23	274	273	0.0000
10	16.73	34.514	5.14	10	16.73	34.514	5.14	25.22	275	275	0.0274
20	16.73	34.500	5.07	20	16.73	34.500	5.07	25.21	276	276	0.0551
30	16.75	34.491	5.10	30	16.75	34.491	5.10	25.20	277	278	0.0828

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	16.77	34.500	5.15	50	16.77	34.500	5.15	25.20	277	278	0.1385
75	16.75	34.512	4.94	75	16.75	34.512	4.94	25.21	276	278	0.2081
100	16.73	34.502	5.08	100	16.73	34.502	5.08	25.21	276	279	0.2778
110	16.71	34.507	5.02								

BUSAN 852 , STATION 314-08 , 33-00.0. N, 125-36.0. E, DEC.20.1988, 11:20 KST,
 DEPTH 109 , COLOR 4, TRANS. 6.0, WAVE NNW 2, SWELL NNW 1, WIND NNE 3 , BARO 1022. ,
 AIR TEMP. DRY 11.4, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC

0	15.83	34.386	5.34	0	15.83	34.386	5.34	25.33	265	264	0.0000
10	16.79	34.386	5.21	10	16.79	34.386	5.21	25.11	286	286	0.0275
20	16.80	34.389	5.14	20	16.80	34.389	5.14	25.11	286	286	0.0562
30	16.80	34.371	5.20	30	16.80	34.371	5.20	25.09	287	288	0.0849
50	16.80	34.383	5.26	50	16.80	34.383	5.26	25.10	286	287	0.1425
75	16.90	34.453	5.22	75	16.90	34.453	5.22	25.13	283	285	0.2142
100	16.91	34.476	5.04	100	16.91	34.476	5.04	25.15	282	285	0.2856

BUSAN 852 , STATION 314-09 , 33-00.0. N, 125-18.0. E, DEC.20.1988, 12:50 KST,
 DEPTH 102 , COLOR 4, TRANS. 6.0, WAVE NW 2, SWELL NW 1, WIND N 2 , BARO 1020.5,
 AIR TEMP. DRY 10.6, WET , CLOUD. TYPE AC, AMT 08, WEATHER C

0	15.99	34.345	5.34	0	15.99	34.345	5.34	25.26	271	271	0.0000
10	16.67	34.346	5.31	10	16.67	34.346	5.31	25.10	286	286	0.0278
20	16.70	34.344	5.22	20	16.70	34.344	5.22	25.10	287	287	0.0566
30	16.70	34.435	5.25	30	16.70	34.435	5.25	25.17	280	281	0.0850
50	16.79	34.419	5.29	50	16.79	34.419	5.29	25.13	283	285	0.1417
75	16.84	34.428	5.19	75	16.84	34.428	5.19	25.13	284	286	0.2131
100	16.85	34.427	5.21	100	16.85	34.427	5.21	25.12	284	287	0.2848

BUSAN 852 , STATION 314-10 , 33-00.0. N, 125-00.0. E, DEC.20.1988, 14:20 KST,
 DEPTH 94 , COLOR 4, TRANS. 5.0, WAVE NW 2, SWELL 0, WIND N 2 , BARO 1020. ,
 AIR TEMP. DRY 11.2, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC

0	16.11	34.087	5.50	0	16.11	34.087	5.50	25.04	293	292	0.0000
10	16.13	34.080	5.37	10	16.13	34.080	5.37	25.03	294	294	0.0293
20	16.13	34.124	5.27	20	16.13	34.124	5.27	25.06	290	291	0.0586
30	16.22	34.209	5.39	30	16.22	34.209	5.39	25.10	286	287	0.0875
50	16.58	34.334	5.24	50	16.58	34.334	5.24	25.12	285	286	0.1449
75	16.72	34.327	5.17	75	16.72	34.327	5.17	25.08	289	290	0.2170
90	16.72	34.534	5.14								

西海海洋調查成績

OCEANOGRAPHIC DATA : WESTERN WATERS

1988

307 線 海洋觀測 成績 Oceanographic Data. Line 307

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, FEB.20.1988, 09:40 KST,
 DEPTH 38 , COLOR 8, TRANS. 1.6, WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1020. ,
 AIR TEMP. DRY 4.1, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	2.33	31.689	8.74	0	2.33	31.689	8.74	25.32	266	265	0.0000
10	2.17	31.611	8.10	10	2.17	31.611	8.10	25.27	271	270	0.0268
20	2.14	31.596	7.71	20	2.14	31.596	7.71	25.26	272	271	0.0539
30	2.17	31.692	7.14	30	2.17	31.692	7.14	25.33	264	264	0.0807

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, FEB.20.1988, 11:50 KST,
 DEPTH 35 , COLOR 8, TRANS. 1.5, WAVE NW 4, SWELL NW 1, WIND NW 4 , BARO 1020. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	2.33	31.847	8.10	0	2.33	31.847	8.10	25.44	254	253	0.0000
10	2.20	31.800	8.06	10	2.20	31.800	8.06	25.42	256	256	0.0255
20	2.18	31.615	7.80	20	2.18	31.615	7.80	25.27	270	270	0.0518
30	2.22	31.692	7.20	30	2.22	31.692	7.20	25.33	265	265	0.0786

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, FEB.20.1988, 13:10 KST,
 DEPTH 55 , COLOR 5, TRANS. 4.0, WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1018. ,
 AIR TEMP. DRY 3.8, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	3.77	32.045	8.19	0	3.77	32.045	8.19	25.48	250	250	0.0000
10	3.73	31.967	7.92	10	3.73	31.967	7.92	25.42	256	256	0.0253
20	3.71	31.842	7.60	20	3.71	31.842	7.60	25.32	265	265	0.0514
30	3.67	31.797	7.47	30	3.67	31.797	7.47	25.29	268	268	0.0781
50	3.69	32.157	7.27	50	3.69	32.157	7.27	25.58	241	241	0.1291

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, FEB.20.1988, 14:30 KST,
 DEPTH 60 , COLOR 5, TRANS. 5.8, WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1018. ,
 AIR TEMP. DRY 3.7, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	3.92	32.238	8.02	0	3.92	32.238	8.02	25.62	237	237	0.0000
10	3.88	31.967	7.71	10	3.88	31.967	7.71	25.41	257	257	0.0247
20	3.86	32.045	7.55	20	3.86	32.045	7.55	25.47	251	251	0.0502
30	3.86	32.049	7.40	30	3.86	32.049	7.40	25.47	251	251	0.0753
50	3.89	31.967	7.30	50	3.89	31.967	7.30	25.41	257	257	0.1262

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, FEB.20.1988, 15:50 KST,
 DEPTH 58 , COLOR 5, TRANS. 8.0, WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1017. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	3.99	32.200	8.18	0	3.99	32.200	8.18	25.58	241	240	0.0000
10	3.97	31.967	7.80	10	3.97	31.967	7.80	25.40	258	258	0.0249
20	3.94	32.061	7.44	20	3.94	32.061	7.44	25.48	251	251	0.0504
30	3.97	32.094	7.23	30	3.97	32.094	7.23	25.50	249	248	0.0754
50	3.99	32.022	7.06	50	3.99	32.022	7.06	25.44	254	254	0.1257

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, FEB.20.1988, 17:10 KST,
 DEPTH 64 , COLOR 4, TRANS. 10.0, WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1017. ,
 AIR TEMP. DRY 3.3, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	3.74	32.022	7.95	0	3.74	32.022	7.95	25.46	252	252	0.0000
10	4.10	32.064	7.80	10	4.10	32.064	7.80	25.46	252	252	0.0252
20	4.08	31.975	7.61	20	4.08	31.975	7.61	25.39	259	258	0.0507
30	4.09	32.022	7.40	30	4.09	32.022	7.40	25.43	255	255	0.0764
50	4.10	32.098	7.02	50	4.10	32.098	7.02	25.49	249	249	0.1270
62	4.09	32.203	7.28								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, FEB.20.1988, 18:40 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1015. ,
 AIR TEMP. DRY 3.0, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	4.75	31.902	7.90	0	4.75	31.902	7.90	25.27	271	270	0.0000
10	4.21	32.056	7.80	10	4.21	32.056	7.80	25.45	254	253	0.0262
20	4.23	32.056	7.60	20	4.23	32.056	7.60	25.44	254	254	0.0516
30	4.22	32.141	7.44	30	4.22	32.141	7.44	25.51	247	247	0.0767
50	4.23	32.172	7.30	50	4.23	32.172	7.30	25.54	245	245	0.1260
65	4.25	32.266	7.21								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, FEB.20.1988, 20:15 KST,
 DEPTH 77 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1015. ,
 AIR TEMP. DRY 2.9, WET , CLOUD. TYPE AS, AMT 01, WEATHER B

0	4.71	32.341	8.03	0	4.71	32.341	8.03	25.62	237	237	0.0000
10	4.77	32.364	7.70	10	4.77	32.364	7.70	25.63	236	236	0.0236
20	4.56	32.304	7.42	20	4.56	32.304	7.42	25.61	238	238	0.0474
30	4.63	32.176	7.40	30	4.63	32.176	7.40	25.50	249	249	0.0718
50	4.79	32.154	7.25	50	4.79	32.154	7.25	25.46	252	252	0.1219
75	4.79	31.910	7.12	75	4.79	31.910	7.12	25.27	270	271	0.1874

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月(April)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, APR. 4.1988, 18:00 KST,
 DEPTH 38 , COLOR 7, TRANS. 2.5, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1030. ,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE SC, AMT 05, WEATHER BC

0	5.04	31.537	7.94	0	5.04	31.537	7.94	24.95	301	301	0.0000
10	4.15	31.552	7.84	10	4.15	31.552	7.84	25.05	291	291	0.0296
20	4.13	31.637	7.47	20	4.13	31.637	7.47	25.12	284	284	0.0584
30	4.13	31.595	7.40	30	4.13	31.595	7.40	25.09	288	288	0.0870
36	4.15	31.552	7.15								

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, APR. 4.1988, 20:10 KST,
 DEPTH 35 , COLOR , TRANS. , WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1030. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE SC, AMT 06, WEATHER BC

0	4.22	31.653	8.01	0	4.22	31.653	8.01	25.12	284	284	0.0000
10	4.41	31.664	7.96	10	4.41	31.664	7.96	25.11	285	285	0.0284
20	4.11	31.637	7.69	20	4.11	31.637	7.69	25.12	284	284	0.0569
30	4.10	31.656	7.27	30	4.10	31.656	7.27	25.14	283	283	0.0853

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, APR. 4.1988, 21:50 KST,
 DEPTH 54 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1030. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE SC, AMT 06, WEATHER BC

0	6.12	31.622	8.05	0	6.12	31.622	8.05	24.89	306	306	0.0000
10	5.79	31.703	7.88	10	5.79	31.703	7.88	24.99	297	296	0.0301
20	5.31	31.783	7.69	20	5.31	31.783	7.69	25.11	285	285	0.0592
30	4.65	31.859	7.24	30	4.65	31.859	7.24	25.24	273	273	0.0872
50	4.11	31.872	7.21	50	4.11	31.872	7.21	25.31	267	267	0.1412

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, APR. 4.1988, 23:10 KST,
 DEPTH 61 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1030. ,
 AIR TEMP. DRY 7.8, WET , CLOUD. TYPE SC, AMT 05, WEATHER BC

0	6.88	31.756	8.00	0	6.88	31.756	8.00	24.90	305	305	0.0000
10	6.07	31.730	7.69	10	6.07	31.730	7.69	24.98	298	297	0.0301
20	4.34	31.848	7.59	20	4.34	31.848	7.59	25.27	271	270	0.0586
30	4.38	31.887	7.40	30	4.38	31.887	7.40	25.29	268	268	0.0855
50	4.34	31.899	7.28	50	4.34	31.899	7.28	25.31	267	267	0.1391
59	4.36	31.960	6.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SWA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, APR. 5.1988, 00:40 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1028. ,
 AIR TEMP. DRY 7.1, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	6.87	31.895	7.87	0	6.87	31.895	7.87	25.01	295	295	0.0000
10	5.25	31.918	7.54	10	5.25	31.918	7.54	25.23	274	274	0.0284
20	4.73	31.910	7.52	20	4.73	31.910	7.52	25.28	270	270	0.0557
30	4.72	31.949	7.36	30	4.72	31.949	7.36	25.31	267	267	0.0825
50	4.68	31.917	7.00	50	4.68	31.917	7.00	25.29	269	269	0.1362
56	4.69	31.910	6.54								

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, APR. 5.1988, 02:10 KST,
 DEPTH 63 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 5 , BARO 1026. ,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	6.61	31.806	7.50	0	6.61	31.806	7.50	24.97	298	298	0.0000
10	6.03	31.850	7.44	10	6.03	31.850	7.44	25.08	288	288	0.0293
20	5.12	31.937	7.26	20	5.12	31.937	7.26	25.26	272	272	0.0573
30	5.12	31.953	7.23	30	5.12	31.953	7.23	25.27	270	270	0.0845
50	5.09	31.941	7.04	50	5.09	31.941	7.04	25.26	271	271	0.1387
61	5.08	31.927	6.61								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, APR. 5.1988, 03:35 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE SW 5, SWELL SW 1, WIND SW 5 , BARO 1026. ,
 AIR TEMP. DRY 5.2, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	6.58	31.834	7.01	0	6.58	31.834	7.01	25.00	296	296	0.0000
10	6.55	31.892	7.03	10	6.55	31.892	7.03	25.05	291	291	0.0293
20	5.49	31.987	7.28	20	5.49	31.987	7.28	25.25	272	272	0.0575
30	5.45	31.011	7.09	30	5.45	31.011	7.09	24.49	345	345	0.0884
50	5.43	32.026	6.84	50	5.43	32.026	6.84	25.29	268	268	0.1498
74	5.43	32.042	6.31								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, APR. 5.1988, 05:05 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 5 , BARO 1025. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE NS, AMT 08, WEATHER C

0	6.60	32.206	7.21	0	6.60	32.206	7.21	25.29	268	268	0.0000
10	6.53	32.189	7.18	10	6.53	32.189	7.18	25.29	269	269	0.0268
20	5.49	32.221	7.36	20	5.49	32.221	7.36	25.44	254	254	0.0530
30	5.43	32.226	6.99	30	5.43	32.226	6.99	25.45	253	253	0.0784
50	5.42	32.241	6.94	50	5.42	32.241	6.94	25.46	252	252	0.1291
75	5.42	32.240	6.39	75	5.42	32.240	6.39	25.46	252	253	0.1923

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, JUN.11.1988, 17:45 KST,
 DEPTH 39 , COLOR 5, TRANS. 3.1, WAVE NW 2, SWELL NW 1, WIND NW 1 , BARO 1020. ,
 AIR TEMP. DRY 21.7, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	13.05	31.744	6.40	0	13.05	31.744	6.40	23.88	403	402	0.0000
10	12.42	31.744	6.69	10	12.42	31.744	6.69	24.00	391	391	0.0397
20	12.42	31.822	7.17	20	12.42	31.822	7.17	24.06	385	385	0.0785
30	12.39	31.706	6.88	30	12.39	31.706	6.88	23.98	393	394	0.1175
37	12.53	31.632	6.57								

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, JUN.11.1988, 19:30 KST,
 DEPTH 35 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 1 , BARO 1020. ,
 AIR TEMP. DRY 21.6, WET , CLOUD. TYPE CU, AMT 04, WEATHER BC

0	16.21	32.183	6.16	0	16.21	32.183	6.16	23.55	434	434	0.0000
10	15.30	32.136	6.63	10	15.30	32.136	6.63	23.72	418	418	0.0426
20	14.68	32.222	6.84	20	14.68	32.222	6.84	23.92	399	399	0.0835
30	14.57	31.920	6.71	30	14.57	31.920	6.71	23.71	419	419	0.1245

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, JUN.11.1988, 20:35 KST,
 DEPTH 54 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1021. ,
 AIR TEMP. DRY 21.6, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	17.31	32.067	6.10	0	17.31	32.067	6.10	23.21	467	466	0.0000
10	12.15	32.062	6.84	10	12.15	32.062	6.84	24.30	363	363	0.0414
20	12.62	32.431	7.02	20	12.62	32.431	7.02	24.50	344	344	0.0768
30	12.99	31.889	6.83	30	12.99	31.889	6.83	24.01	391	391	0.1137
50	10.83	31.901	6.34	50	10.83	31.901	6.34	24.41	352	353	0.1881

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, JUN.11.1988, 21:40 KST,
 DEPTH 61 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1021. ,
 AIR TEMP. DRY 21.7, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	16.28	31.881	6.14	0	16.28	31.881	6.14	23.31	457	457	0.0000
10	11.83	32.121	6.48	10	11.83	32.121	6.48	24.40	353	353	0.0405
20	10.65	32.237	6.61	20	10.65	32.237	6.61	24.70	324	324	0.0744
30	9.90	32.121	6.68	30	9.90	32.121	6.68	24.74	321	321	0.1067
50	8.11	31.932	6.40	50	8.11	31.932	6.40	24.87	308	309	0.1698
59	7.02	31.897	6.34								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, JUN.11.1988, 22:50 KST,
 DEPTH 59 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1022. ,
 ATR TEMP. DRY 17.0, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	18.17	32.225	6.03	0	18.17	32.225	6.03	23.13	475	474	0.0000
10	15.29	32.221	6.45	10	15.29	32.221	6.45	23.79	412	412	0.0443
20	8.99	32.048	6.63	20	8.99	32.048	6.63	24.83	312	312	0.0805
30	7.05	32.237	6.55	30	7.05	32.237	6.55	25.26	272	272	0.1098
50	6.99	32.240	6.19	50	6.99	32.240	6.19	25.27	271	271	0.1642
57	6.96	32.048	6.06								

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, JUN.11.1988, 23:55 KST,
 DEPTH 63 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1022. ,
 ATR TEMP. DRY 17.5, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	18.47	31.551	6.29	0	18.47	31.551	6.29	22.54	531	530	0.0000
10	17.78	31.594	6.42	10	17.78	31.594	6.42	22.74	512	512	0.0521
20	9.54	32.009	6.66	20	9.54	32.009	6.66	24.71	323	324	0.0939
30	7.29	32.202	6.58	30	7.29	32.202	6.58	25.20	277	277	0.1240
50	6.90	31.939	6.40	50	6.90	31.939	6.40	25.04	292	292	0.1811
60	6.84	32.055	6.25								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, JUN.12.1988, 01:00 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1022. ,
 ATR TEMP. DRY 17.2, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	18.63	32.245	6.43	0	18.63	32.245	6.43	23.03	484	484	0.0000
10	17.69	32.102	6.65	10	17.69	32.102	6.65	23.15	473	473	0.0478
20	15.23	31.966	6.68	20	15.23	31.966	6.68	23.60	429	429	0.0930
30	7.38	32.024	6.66	30	7.38	32.024	6.66	25.04	292	292	0.1291
50	6.95	32.179	6.58	50	6.95	32.179	6.58	25.22	275	275	0.1859
70	6.90	32.179	6.47								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, JUN.12.1988, 02:25 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1022. ,
 ATR TEMP. DRY 17.8, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	19.64	32.175	6.40	0	19.64	32.175	6.40	22.72	513	513	0.0000
10	17.46	31.909	6.53	10	17.46	31.909	6.53	23.06	481	481	0.0497
20	13.90	32.417	6.41	20	13.90	32.417	6.41	24.23	369	369	0.0923
30	6.68	32.537	6.59	30	6.68	32.537	6.59	25.54	245	245	0.1231
50	6.59	32.347	6.60	50	6.59	32.347	6.60	25.40	258	258	0.1734
74	6.54	32.347	6.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, AUG. 4.1988, 16:00 KST,
 DEPTH 40 , COLOR 9, TRANS. 2.9, WAVE N 3, SWELL N 1, WIND N 2 , BARO 1003. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.20	31.387	5.60	0	20.20	31.387	5.60	21.98	584	584	0.0000
10	19.99	31.122	5.40	10	19.99	31.122	5.40	21.83	599	598	0.0591
20	19.95	31.276	5.52	20	19.95	31.276	5.52	21.96	586	587	0.1184
30	19.96	31.472	5.68	30	19.96	31.472	5.68	22.10	572	573	0.1765
38	19.95	31.426	5.60								

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, AUG. 4.1988, 18:10 KST,
 DEPTH 35 , COLOR 8, TRANS. 3.6, WAVE N 1, SWELL N 1, WIND N 2 , BARO 1003. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.39	31.520	5.57	0	21.39	31.520	5.57	21.76	605	605	0.0000
10	20.54	31.437	5.30	10	20.54	31.437	5.30	21.93	589	589	0.0597
20	20.18	31.640	5.67	20	20.18	31.640	5.67	22.18	566	566	0.1175
30	20.09	31.528	5.60	30	20.09	31.528	5.60	22.11	571	572	0.1745

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, AUG. 4.1988, 19:25 KST,
 DEPTH 49 , COLOR , TRANS. , WAVE N 2, SWELL N 1, WIND N 2 , BARO 1003. ,
 AIR TEMP. DRY 23.8, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	23.75	31.652	5.61	0	23.75	31.652	5.61	21.20	659	658	0.0000
10	20.19	31.848	5.40	10	20.19	31.848	5.40	22.33	551	551	0.0605
20	19.74	31.578	5.69	20	19.74	31.578	5.69	22.24	559	559	0.1160
30	18.95	31.775	5.61	30	18.95	31.775	5.61	22.59	526	526	0.1704
47	16.76	31.632	5.58								

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, AUG. 4.1988, 20:25 KST,
 DEPTH 55 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1003. ,
 AIR TEMP. DRY 23.8, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	24.31	31.644	5.41	0	24.31	31.644	5.41	21.03	675	675	0.0000
10	20.48	31.698	5.44	10	20.48	31.698	5.44	22.14	569	569	0.0622
20	19.07	31.461	5.61	20	19.07	31.461	5.61	22.32	552	552	0.1183
30	18.03	31.663	5.70	30	18.03	31.663	5.70	22.73	512	513	0.1715
50	14.50	31.901	5.80	50	14.50	31.901	5.80	23.71	419	420	0.2649

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, AUG. 4.1988, 21:40 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 3 , BARO 1004. ,
 ATR TEMP. DRY 23.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	25.28	31.852	5.61	0	25.28	31.852	5.61	20.90	688	687	0.0000
10	23.61	31.572	5.41	10	23.61	31.572	5.41	21.18	661	661	0.0674
20	21.94	31.493	5.61	20	21.94	31.493	5.61	21.59	621	622	0.1316
30	18.86	31.659	5.69	30	18.86	31.659	5.69	22.53	532	533	0.1893
50	17.37	31.590	5.70	50	17.37	31.590	5.70	22.83	503	504	0.2931
55	12.31	32.144	5.67								

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, AUG. 4.1988, 22:40 KST,
 DEPTH 62 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 2 , BARO 1005. ,
 ATR TEMP. DRY 23.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.70	31.501	5.48	0	24.70	31.501	5.48	20.81	696	696	0.0000
10	23.59	31.729	5.50	10	23.59	31.729	5.50	21.31	649	649	0.0672
20	21.07	31.690	5.46	20	21.07	31.690	5.46	21.98	584	585	0.1290
30	18.42	31.547	5.48	30	18.42	31.547	5.48	22.55	530	530	0.1848
50	15.78	31.786	5.40	50	15.78	31.786	5.40	23.35	454	455	0.2834
60	11.60	32.144	5.35								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, AUG. 4.1988, 23:55 KST,
 DEPTH 65 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1004. ,
 ATR TEMP. DRY 22.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.91	31.655	5.45	0	24.91	31.655	5.45	20.86	691	691	0.0000
10	24.64	31.540	5.52	10	24.64	31.540	5.52	20.86	692	692	0.0691
20	21.08	31.694	5.59	20	21.08	31.694	5.59	21.98	584	585	0.1330
30	19.08	31.810	5.53	30	19.08	31.810	5.53	22.59	526	527	0.1886
50	9.24	31.912	5.46	50	9.24	31.912	5.46	24.68	326	327	0.2741
62	9.00	31.990	5.21								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, AUG. 5.1988, 01:05 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 2 , BARO 1004. ,
 ATR TEMP. DRY 24.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	25.40	32.067	6.18	0	25.40	32.067	6.18	21.03	676	675	0.0000
10	23.38	31.810	6.05	10	23.38	31.810	6.05	21.43	637	637	0.0656
20	17.60	31.845	6.07	20	17.60	31.845	6.07	22.97	489	490	0.1220
30	8.89	31.877	5.84	30	8.89	31.877	5.84	24.71	324	324	0.1627
50	7.29	31.990	5.76	50	7.29	31.990	5.76	25.03	293	293	0.2245
74	7.29	32.067	5.67								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, OCT. 7.1988, 15:50 KST,
 DEPTH 38 , COLOR 7, TRANS. 3.2, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1012. ,
 AIR TEMP. DRY 21.1, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.80	32.069	7.29	0	20.80	32.069	7.29	22.34	550	550	0.0000
10	20.81	32.100	6.72	10	20.81	32.100	6.72	22.36	548	548	0.0549
20	20.75	32.127	6.38	20	20.75	32.127	6.38	22.40	545	545	0.1096
30	20.17	32.090	6.00	30	20.17	32.090	6.00	22.52	533	533	0.1635
36	20.58	32.090	5.97								

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, OCT. 9.1988, 09:30 KST,
 DEPTH 35 , COLOR 6, TRANS. 4.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1012. ,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.71	32.290	7.20	0	19.71	32.290	7.20	22.79	507	506	0.0000
10	19.62	32.321	7.01	10	19.62	32.321	7.01	22.84	502	502	0.0504
20	19.62	32.348	6.71	20	19.62	32.348	6.71	22.86	500	501	0.1006
30	19.59	32.290	6.28	30	19.59	32.290	6.28	22.82	504	504	0.1509

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, OCT. 9.1988, 10:30 KST,
 DEPTH 49 , COLOR 5, TRANS. 6.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1013. ,
 AIR TEMP. DRY 20.1, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	20.11	32.433	6.90	0	20.11	32.433	6.90	22.80	506	506	0.0000
10	19.96	32.595	6.69	10	19.96	32.595	6.69	22.96	491	491	0.0498
20	19.92	32.602	6.62	20	19.92	32.602	6.62	22.97	489	490	0.0989
30	18.35	32.638	6.21	30	18.35	32.638	6.21	23.40	449	449	0.1459
47	16.34	32.693	6.16								

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, OCT. 9.1988, 11:35 KST,
 DEPTH 51 , COLOR 4, TRANS. 12.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1013. ,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE AC, AMT 01, WEATHER B

0	20.22	32.526	6.08	0	20.22	32.526	6.08	22.84	502	502	0.0000
10	20.07	32.572	6.43	10	20.07	32.572	6.43	22.91	495	495	0.0499
20	20.05	32.534	6.26	20	20.05	32.534	6.26	22.89	497	498	0.0996
30	20.00	32.530	6.10	30	20.00	32.530	6.10	22.90	496	497	0.1493
49	17.43	32.619	6.06								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, OCT. 9.1988, 12:50 KST,
 DEPTH 58 , COLOR 4, TRANS. 13.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1013. ,
 ATR TEMP. DRY 21.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.24	32.530	5.71	0	20.24	32.530	5.71	22.84	502	502	0.0000
10	19.53	32.483	6.27	10	19.53	32.483	6.27	22.98	488	488	0.0495
20	19.39	32.526	6.12	20	19.39	32.526	6.12	23.05	482	482	0.0981
30	17.55	32.728	5.98	30	17.55	32.728	5.98	23.66	424	424	0.1435
50	14.38	32.748	6.18	50	14.38	32.748	6.18	24.39	355	355	0.2215
56	11.47	32.596	5.76								

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, OCT. 9.1988, 13:50 KST,
 DEPTH 62 , COLOR 3, TRANS. 13.0, WAVE N 3, SWELL N 1, WIND N 3 , BARO 1014. ,
 ATR TEMP. DRY 21.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.71	32.625	7.29	0	20.71	32.625	7.29	22.78	507	507	0.0000
10	20.16	32.634	7.24	10	20.16	32.634	7.24	22.94	493	493	0.0500
20	19.59	32.580	6.60	20	19.59	32.580	6.60	23.04	483	483	0.0988
30	16.96	32.763	6.34	30	16.96	32.763	6.34	23.83	408	408	0.1435
50	10.49	32.530	6.08	50	10.49	32.530	6.08	24.96	300	301	0.2145
60	10.04	32.506	5.76								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, OCT. 9.1988, 15:05 KST,
 DEPTH 67 , COLOR 3, TRANS. 15.0, WAVE N 3, SWELL N 1, WIND N 3 , BARO 1014. ,
 ATR TEMP. DRY 22.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.09	32.642	7.03	0	21.09	32.642	7.03	22.69	516	516	0.0000
1	20.48	32.659	6.96	10	20.45	32.654	6.78	22.87	499	499	0.0507
20	20.43	32.650	6.60	20	20.43	32.650	6.60	22.88	499	499	0.1007
30	14.30	32.627	6.24	30	14.30	32.627	6.24	24.31	362	362	0.1438
50	9.75	32.491	6.10	50	9.75	32.491	6.10	25.05	291	292	0.2092
65	9.02	32.441	5.64								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, OCT. 9.1988, 16:10 KST,
 DEPTH 76 , COLOR 3, TRANS. 14.0, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1014. ,
 ATR TEMP. DRY 21.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.17	32.638	7.27	0	21.17	32.638	7.27	22.67	518	518	0.0000
10	20.59	32.654	6.60	10	20.59	32.654	6.60	22.84	502	502	0.0510
20	20.57	32.634	6.48	20	20.57	32.634	6.48	22.83	503	504	0.1014
30	12.11	32.586	6.41	30	12.11	32.586	6.41	24.71	323	324	0.1428
50	8.26	32.460	6.34	50	8.26	32.460	6.34	25.26	271	272	0.2024
74	8.18	32.452	6.06								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

IN CHEON 866 , STATION 307-03 , 36-56.5. N, 126-00.0. E, DEC.29.1988, 12:50 KST,
 DEPTH 40 , COLOR 8, TRANS. 1.6, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 AIR TEMP. DRY 4.6, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	6.05	32.065	6.38	0	6.05	32.065	6.38	25.25	272	272	0.0000
10	6.05	32.031	6.62	10	6.05	32.031	6.62	25.22	275	275	0.0273
20	6.15	32.054	6.56	20	6.15	32.054	6.56	25.23	274	274	0.0548
30	6.14	32.023	6.04	30	6.14	32.023	6.04	25.20	277	277	0.0824
38	6.19	32.061	5.98								

IN CHEON 866 , STATION 307-04 , 36-55.5. N, 125-37.7. E, DEC.29.1988, 14:35 KST,
 DEPTH 35 , COLOR 7, TRANS. 4.2, WAVE N 3, SWELL N 1, WIND N 3 , BARO 1029. ,
 AIR TEMP. DRY 7.7, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	6.00	32.077	6.82	0	6.00	32.077	6.82	25.26	271	271	0.0000
10	6.01	32.046	5.89	10	6.01	32.046	5.89	25.24	273	273	0.0272
20	6.07	32.158	6.54	20	6.07	32.158	6.54	25.32	266	266	0.0542
30	6.03	32.038	6.30	30	6.03	32.038	6.30	25.23	274	274	0.0812

IN CHEON 866 , STATION 307-05 , 36-55.5. N, 125-25.0. E, DEC.29.1988, 15:40 KST,
 DEPTH 51 , COLOR 5, TRANS. 8.0, WAVE N 3, SWELL N 1, WIND N 3 , BARO 1031. ,
 AIR TEMP. DRY 5.2, WET , CLOUD. TYPE AC, AMT 06, WEATHER BC

0	7.10	32.232	6.73	0	7.10	32.232	6.73	25.25	273	272	0.0000
10	7.18	32.224	6.91	10	7.18	32.224	6.91	25.23	274	274	0.0273
20	7.16	32.220	6.51	20	7.16	32.220	6.51	25.23	274	274	0.0548
30	7.37	32.255	6.11	30	7.37	32.255	6.11	25.23	274	275	0.0823
49	7.22	32.212	6.07								

IN CHEON 866 , STATION 307-06 , 36-55.5. N, 125-12.5. E, DEC.29.1988, 16:40 KST,
 DEPTH 52 , COLOR 5, TRANS. 8.0, WAVE N 5, SWELL N 1, WIND N 4 , BARO 1026. ,
 AIR TEMP. DRY 2.9, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC

0	6.69	32.220	7.09	0	6.69	32.220	7.09	25.29	268	268	0.0000
10	6.94	32.224	5.56	10	6.94	32.224	5.56	25.26	271	271	0.0270
20	6.95	32.212	6.90	20	6.95	32.212	6.90	25.25	272	272	0.0542
30	7.01	32.197	6.25	30	7.01	32.197	6.25	25.23	274	274	0.0815
50	6.97	32.228	6.15	50	6.97	32.228	6.15	25.26	271	272	0.1362

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 307-07 , 36-55.5. N, 125-00.0. E, DEC.29.1988, 17:40 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1024. ,
 AIR TEMP. DRY 3.4, WET , CLOUD. TYPE AC, AMT 09, WEATHER C

0	6.86	32.286	6.33	0	6.86	32.286	6.33	25.32	266	265	0.0000
10	6.92	32.317	6.03	10	6.92	32.317	6.03	25.34	264	264	0.0265
20	6.94	32.313	6.90	20	6.94	32.313	6.90	25.33	265	265	0.0529
30	6.94	32.301	6.16	30	6.94	32.301	6.16	25.32	265	266	0.0795
50	7.49	32.270	6.05	50	7.49	32.270	6.05	25.22	275	275	0.1337
58	6.94	32.286	5.69								

IN CHEON 866 , STATION 307-08 , 36-55.5. N, 124-47.5. E, DEC.29.1988, 18:50 KST,
 DEPTH 64 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1021. ,
 AIR TEMP. DRY 4.4, WET , CLOUD. TYPE AC, AMT 08, WEATHER C

0	6.78	32.352	6.66	0	6.78	32.352	6.66	25.38	260	259	0.0000
10	6.89	32.328	6.79	10	6.89	32.328	6.79	25.35	263	263	0.0261
20	6.90	32.336	6.64	20	6.90	32.336	6.64	25.35	262	262	0.0524
30	6.93	32.348	6.29	30	6.93	32.348	6.29	25.36	262	262	0.0787
50	6.94	32.355	6.08	50	6.94	32.355	6.08	25.36	261	262	0.1311
62	6.94	32.344	5.80								

IN CHEON 866 , STATION 307-09 , 36-55.5. N, 124-34.8. E, DEC.29.1988, 20:00 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE NE 5, SWELL NE 2, WIND NE 6 , BARO 1023. ,
 AIR TEMP. DRY 4.2, WET , CLOUD. TYPE AC, AMT 07, WEATHER BC

0	6.81	32.371	6.98	0	6.81	32.371	6.98	25.39	259	258	0.0000
10	6.84	32.352	6.13	10	6.84	32.352	6.13	25.37	260	260	0.0259
20	6.92	32.371	6.94	20	6.92	32.371	6.94	25.38	260	260	0.0520
30	7.02	32.352	6.37	30	7.02	32.352	6.37	25.35	263	263	0.0782
50	7.04	32.371	6.18	50	7.04	32.371	6.18	25.36	262	262	0.1307
65	7.02	32.367	5.78								

IN CHEON 866 , STATION 307-10 , 36-55.5. N, 124-22.3. E, DEC.29.1988, 21:10 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NE 5, SWELL NE 2, WIND NE 6 , BARO 1024. ,
 AIR TEMP. DRY 4.1, WET , CLOUD. TYPE AC, AMT 08, WEATHER C

0	6.99	32.374	6.20	0	6.99	32.374	6.20	25.37	261	260	0.0000
10	7.02	32.369	6.71	10	7.02	32.369	6.71	25.36	261	261	0.0261
20	7.14	32.365	6.18	20	7.14	32.365	6.18	25.34	263	263	0.0523
30	7.24	32.361	6.35	30	7.24	32.361	6.35	25.33	265	265	0.0788
50	7.30	32.360	6.14	50	7.30	32.360	6.14	25.32	266	266	0.1320
74	7.27	32.367	5.69								

308 線 海洋觀測 成績 Oceanographic Data. Line 308

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, FEB.21.1988, 14:35 KST,
 DEPTH 21 , COLOR , TRANS. 4.5, WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1020. ,
 AIR TEMP. DRY 1.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.06	32.080	8.20	0	4.06	32.080	8.20	25.48	250	250	0.0000
10	4.07	32.080	7.82	10	4.07	32.080	7.82	25.48	251	250	0.0250
19	4.08	31.964	7.68								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, FEB.21.1988, 13:10 KST,
 DEPTH 30 , COLOR , TRANS. 4.6, WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1019. ,
 AIR TEMP. DRY 1.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.05	32.092	8.08	0	4.05	32.092	8.08	25.49	249	249	0.0000
10	4.08	31.886	7.62	10	4.08	31.886	7.62	25.32	265	265	0.0257
20	4.08	31.925	7.40	20	4.08	31.925	7.40	25.35	262	262	0.0521
28	4.06	32.192	7.20								

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, FEB.21.1988, 11:35 KST,
 DEPTH 49 , COLOR , TRANS. 5.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1018. ,
 AIR TEMP. DRY 1.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.28	31.967	7.84	0	4.28	31.967	7.84	25.37	261	261	0.0000
10	4.27	32.084	7.60	10	4.27	32.084	7.60	25.46	252	252	0.0256
20	4.27	32.157	7.33	20	4.27	32.157	7.33	25.52	247	246	0.0506
30	4.30	32.196	7.20	30	4.30	32.196	7.20	25.55	244	244	0.0752
47	4.32	32.079	7.28								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, FEB.21.1988, 10:00 KST,
 DEPTH 50 , COLOR , TRANS. 5.7, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1018. ,
 AIR TEMP. DRY 1.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.21	32.157	7.73	0	4.21	32.157	7.73	25.53	246	246	0.0000
10	4.26	32.157	7.76	10	4.26	32.157	7.76	25.52	247	246	0.0246
20	4.26	32.118	7.50	20	4.26	32.118	7.50	25.49	249	249	0.0494
30	4.29	32.041	7.46	30	4.29	32.041	7.46	25.43	256	255	0.0747
48	4.29	32.002	7.30								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, FEB.21.1988, 08:30 KST,
 DEPTH 52 , COLOR , TRANS. 6.0, WAVE NW 4, SWELL NW 2, WIND NW 6 , BARO 1014. ,
 AIR TEMP. DRY 1.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	3.77	32.203	7.76	0	3.77	32.203	7.76	25.60	238	238	0.0000
10	3.85	32.149	7.55	10	3.85	32.149	7.55	25.55	243	243	0.0241
20	3.87	31.960	7.31	20	3.87	31.960	7.31	25.40	258	258	0.0491
30	3.90	32.127	7.40	30	3.90	32.127	7.40	25.53	245	245	0.0743
50	3.99	32.114	7.11	50	3.99	32.114	7.11	25.51	247	247	0.1237

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, FEB.21.1988, 07:00 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1015. ,
 AIR TEMP. DRY 1.5, WET , CLOUD. TYPE AC, AMT 01, WEATHER B

0	3.96	32.196	7.80	0	3.96	32.196	7.80	25.58	241	240	0.0000
10	4.03	32.145	7.69	10	4.03	32.145	7.69	25.53	245	245	0.0243
20	4.06	31.967	7.42	20	4.06	31.967	7.42	25.39	259	259	0.0495
30	4.07	31.890	7.29	30	4.07	31.890	7.29	25.33	265	265	0.0757
50	4.16	31.971	7.22	50	4.16	31.971	7.22	25.38	260	260	0.1283

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, FEB.21.1988, 05:30 KST,
 DEPTH 56 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1016. ,
 AIR TEMP. DRY 2.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	4.81	31.971	7.90	0	4.81	31.971	7.90	25.32	266	266	0.0000
10	4.85	32.045	7.75	10	4.85	32.045	7.75	25.37	261	261	0.0263
20	4.87	32.064	7.53	20	4.87	32.064	7.53	25.38	260	259	0.0524
30	4.88	31.910	7.44	30	4.88	31.910	7.44	25.26	271	271	0.0789
50	4.89	32.064	7.31	50	4.89	32.064	7.31	25.38	260	260	0.1321

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, FEB.21.1988, 04:00 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1016. ,
 AIR TEMP. DRY 2.6, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.01	32.041	8.02	0	5.01	32.041	8.02	25.35	263	262	0.0000
10	5.08	31.948	7.63	10	5.08	31.948	7.63	25.27	270	270	0.0266
20	5.15	32.203	7.50	20	5.15	32.203	7.50	25.46	252	252	0.0528
30	5.12	32.179	7.49	30	5.12	32.179	7.49	25.45	254	253	0.0781
50	5.14	32.180	7.41	50	5.14	32.180	7.41	25.45	254	254	0.1289
74	5.16	32.149	7.22								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, FEB.21.1988, 02:30 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1014. ,
 AIR TEMP. DRY 2.9, WET , CLOUD. TYPE AC, AMT 01, WEATHER B

0	5.03	32.064	7.96	0	5.03	32.064	7.96	25.37	261	261	0.0000
10	5.10	31.987	7.42	10	5.10	31.987	7.42	25.30	268	268	0.0264
20	5.14	32.142	7.30	20	5.14	32.142	7.30	25.42	257	256	0.0527
30	5.11	32.149	7.10	30	5.11	32.149	7.10	25.42	256	256	0.0783
50	5.12	32.103	7.27	50	5.12	32.103	7.27	25.39	259	259	0.1299
75	5.13	32.026	7.30	75	5.13	32.026	7.30	25.32	265	265	0.1956

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, FEB.21.1988, 01:00 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE NW 5, SWELL NW 2, WIND NW 6 , BARO 1015. ,
 AIR TEMP. DRY 2.7, WET , CLOUD. TYPE AC, AMT 01, WEATHER B

0	4.98	32.064	7.84	0	4.98	32.064	7.84	25.37	261	260	0.0000
10	5.01	32.054	7.33	10	5.01	32.054	7.33	25.36	262	262	0.0261
20	5.04	31.948	7.20	20	5.04	31.948	7.20	25.27	270	270	0.0527
30	5.03	32.145	7.23	30	5.03	32.145	7.23	25.43	255	255	0.0790
50	5.05	32.158	7.30	50	5.05	32.158	7.30	25.44	254	254	0.1301
75	5.05	32.048	7.33	75	5.05	32.048	7.33	25.35	263	263	0.1949

4 月 (April)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, APR. 6.1988, 10:20 KST,
 DEPTH 18 , COLOR 8, TRANS. 2.8, WAVE NW 4, SWELL NW 1, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 8.3, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	5.24	31.833	7.56	0	5.24	31.833	7.56	25.16	281	280	0.0000
10	5.22	31.852	7.36	10	5.22	31.852	7.36	25.18	279	279	0.0280
16	5.18	31.893	7.18								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, APR. 6.1988, 11:45 KST,
 DEPTH 32 , COLOR 7, TRANS. 3.0, WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE AC, AMT 09, WEATHER C

0	5.82	31.848	7.52	0	5.82	31.848	7.52	25.11	286	286	0.0000
10	5.09	31.850	7.39	10	5.09	31.850	7.39	25.19	278	278	0.0282
20	5.03	31.848	7.19	20	5.03	31.848	7.19	25.19	277	277	0.0560
30	4.98	31.937	7.83	30	4.98	31.937	7.83	25.27	270	270	0.0834

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, APR. 6.1988, 13:10 KST,
 DEPTH 50 , COLOR 6, TRANS. 5.0, WAVE NW 4, SWELL NW 1, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE AC, AMT 06, WEATHER BC

0	6.24	31.976	7.87	0	6.24	31.976	7.87	25.16	281	281	0.0000
10	5.25	31.980	7.24	10	5.25	31.980	7.24	25.27	270	270	0.0275
20	5.02	31.987	7.11	20	5.02	31.987	7.11	25.31	267	267	0.0544
30	4.92	32.003	7.25	30	4.92	32.003	7.25	25.33	265	265	0.0810
48	4.91	32.007	7.18								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, APR. 6.1988, 14:30 KST,
 DEPTH 52 , COLOR 6, TRANS. 6.0, WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1022. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	5.57	32.007	8.09	0	5.57	32.007	8.09	25.26	271	271	0.0000
10	5.15	32.030	7.65	10	5.15	32.030	7.65	25.33	265	265	0.0268
20	5.03	32.018	7.41	20	5.03	32.018	7.41	25.33	265	265	0.0533
30	5.02	32.022	7.24	30	5.02	32.022	7.24	25.33	264	264	0.0798
50	5.01	32.022	7.12	50	5.01	32.022	7.12	25.33	264	264	0.1327

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, APR. 6.1988, 16:00 KST,
 DEPTH 54 , COLOR 5, TRANS. 8.0, WAVE NW 4, SWELL NW 1, WIND NW 5 , BARO 1022. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	5.61	32.007	7.72	0	5.61	32.007	7.72	25.26	272	271	0.0000
10	5.40	32.007	7.67	10	5.40	32.007	7.67	25.28	269	269	0.0270
20	5.33	32.026	7.44	20	5.33	32.026	7.44	25.30	267	267	0.0539
30	4.91	32.057	7.28	30	4.91	32.057	7.28	25.37	260	260	0.0803
50	4.92	32.076	7.02	50	4.92	32.076	7.02	25.39	259	259	0.1324

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, APR. 6.1988, 17:35 KST,
 DEPTH 61 , COLOR 5, TRANS. 7.0, WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1022. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	6.04	31.810	7.69	0	6.04	31.810	7.69	25.05	291	291	0.0000
10	5.92	32.003	7.41	10	5.92	32.003	7.41	25.22	276	275	0.0283
20	5.85	32.065	7.32	20	5.85	32.065	7.32	25.27	270	270	0.0556
30	5.40	32.129	7.28	30	5.40	32.129	7.28	25.38	260	260	0.0822
50	5.31	32.124	7.16	50	5.31	32.124	7.16	25.38	260	260	0.1343
59	5.29	32.127	6.81								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, APR. 6.1988, 19:00 KST,
 DEPTH 68 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1022. ,
 ATR TEMP. DRY 6.3, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	6.30	32.008	7.73	0	6.30	32.008	7.73	25.17	280	279	0.0000
10	6.23	32.115	7.63	10	6.23	32.115	7.63	25.27	271	271	0.0275
20	6.12	32.123	7.52	20	6.12	32.123	7.52	25.29	269	269	0.0545
30	5.87	32.164	7.21	30	5.87	32.164	7.21	25.35	263	263	0.0811
50	5.72	32.195	7.05	50	5.72	32.195	7.05	25.39	259	259	0.1334
66	5.72	32.195	6.65								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, APR. 6.1988, 20:25 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1022. ,
 ATR TEMP. DRY 6.3, WET , CLOUD. TYPE CU, AMT 05, WEATHER BC

0	6.49	32.141	7.77	0	6.49	32.141	7.77	25.25	272	272	0.0000
10	6.55	32.149	7.71	10	6.55	32.149	7.71	25.25	272	272	0.0272
20	6.38	32.149	7.48	20	6.38	32.149	7.48	25.27	270	270	0.0543
30	5.75	32.230	7.20	30	5.75	32.230	7.20	25.41	257	257	0.0807
50	5.71	32.226	7.09	50	5.71	32.226	7.09	25.42	256	257	0.1321
73	5.70	32.234	6.65								

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, APR. 6.1988, 21:50 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 5 , BARO 1025. ,
 ATR TEMP. DRY 6.2, WET , CLOUD. TYPE CU, AMT 06, WEATHER BC

0	6.78	32.199	8.09	0	6.78	32.199	8.09	25.26	271	271	0.0000
10	6.74	32.203	7.95	10	6.74	32.203	7.95	25.27	270	270	0.0270
20	6.46	32.215	7.63	20	6.46	32.215	7.63	25.32	266	266	0.0539
30	6.14	32.249	7.38	30	6.14	32.249	7.38	25.38	260	260	0.0802
50	5.99	32.261	6.94	50	5.99	32.261	6.94	25.41	257	257	0.1320
75	5.94	32.261	6.71	75	5.94	32.261	6.71	25.42	256	257	0.1964

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, APR. 6.1988, 23:20 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE CU, AMT 07, WEATHER BC

0	6.79	32.273	7.91	0	6.79	32.273	7.91	25.32	266	265	0.0000
10	6.82	32.257	7.93	10	6.82	32.257	7.93	25.30	267	267	0.0266
20	6.74	31.253	7.49	20	6.74	31.253	7.49	24.52	341	341	0.0571
30	6.13	32.249	7.03	30	6.13	32.249	7.03	25.38	260	260	0.0872
50	5.98	32.261	6.96	50	5.98	32.261	6.96	25.41	257	257	0.1389
75	6.03	32.637	6.78	75	6.03	32.637	6.78	25.70	229	230	0.1999

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, JUN.12.1988, 15:20 KST,
 DEPTH 21 , COLOR 5, TRANS. 5.5, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1020. ,
 AIR TEMP. DRY 24.1, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	15.72	31.889	6.51	0	15.72	31.889	6.51	23.44	445	445	0.0000
10	13.23	31.887	6.67	10	13.23	31.887	6.67	23.96	395	395	0.0420
19	12.87	32.129	6.12								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, JUN.12.1988, 14:10 KST,
 DEPTH 30 , COLOR 5, TRANS. 7.2, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1020. ,
 AIR TEMP. DRY 24.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	15.35	31.885	6.53	0	15.35	31.885	6.53	23.52	437	437	0.0000
10	13.18	32.237	6.41	10	13.18	32.237	6.41	24.24	369	369	0.0403
20	12.86	32.254	6.57	20	12.86	32.254	6.57	24.31	362	362	0.0769
28	12.28	32.286	6.44								

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, JUN.12.1988, 13:00 KST,
 DEPTH 50 , COLOR 4, TRANS. 7.1, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1022. ,
 AIR TEMP. DRY 21.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.02	31.947	6.21	0	19.02	31.947	6.21	22.70	515	515	0.0000
10	15.68	32.094	6.46	10	15.68	32.094	6.46	23.60	429	429	0.0472
20	8.20	32.137	6.86	20	8.20	32.137	6.86	25.02	294	294	0.0834
30	7.14	32.147	6.42	30	7.14	32.147	6.42	25.17	280	280	0.1122
48	7.03	32.253	6.16								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, JUN.12.1988, 12:00 KST,
 DEPTH 51 , COLOR 4, TRANS. 7.5, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1020. ,
 AIR TEMP. DRY 21.3, WET , CLOUD. TYPE CU, AMT 07, WEATHER BC

0	18.98	32.133	6.27	0	18.98	32.133	6.27	22.86	500	500	0.0000
10	16.45	32.256	6.47	10	16.45	32.256	6.47	23.56	434	434	0.0467
20	7.48	32.198	6.77	20	7.48	32.198	6.77	25.17	280	280	0.0824
30	6.96	32.249	6.41	30	6.96	32.249	6.41	25.28	270	270	0.1100
49	6.95	31.982	6.26								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, JUN.12.1988, 10:50 KST,
 DEPTH 54 , COLOR 4, TRANS. 7.7, WAVE N 2, SWELL N 1, WIND N 4 , BARO 1022. ,
 ATR TEMP. DRY 21.3, WET , CLOUD. TYPE CU, AMT 07, WEATHER BC

0	18.68	31.973	6.27	0	18.68	31.973	6.27	22.81	505	505	0.0000
10	15.97	32.001	6.41	10	15.97	32.001	6.41	23.47	442	442	0.0473
20	6.68	31.943	6.59	20	6.68	31.943	6.59	25.07	289	289	0.0839
30	6.13	32.098	6.36	30	6.13	32.098	6.36	25.26	271	271	0.1120
50	6.08	32.253	6.21	50	6.08	32.253	6.21	25.39	259	259	0.1650

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, JUN.12.1988, 09:45 KST,
 DEPTH 59 , COLOR 4, TRANS. 8.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1021. ,
 ATR TEMP. DRY 21.1, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	18.73	31.675	6.21	0	18.73	31.675	6.21	22.57	528	528	0.0000
10	14.45	31.897	6.39	10	14.45	31.897	6.39	23.72	418	418	0.0473
20	6.35	31.943	6.53	20	6.35	31.943	6.53	25.12	285	285	0.0825
30	6.13	32.094	6.43	30	6.13	32.094	6.43	25.26	271	271	0.1104
50	6.11	32.253	6.35	50	6.11	32.253	6.35	25.39	259	259	0.1635

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, JUN.12.1988, 08:45 KST,
 DEPTH 69 , COLOR 3, TRANS. 12.0, WAVE N 4, SWELL N 1, WIND N 4 , BARO 1020. ,
 ATR TEMP. DRY 20.7, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	19.05	32.036	6.08	0	19.05	32.036	6.08	22.76	509	509	0.0000
10	17.37	31.885	6.35	10	17.37	31.885	6.35	23.06	481	481	0.0495
20	9.53	32.167	6.68	20	9.53	32.167	6.68	24.84	312	312	0.0892
30	6.14	32.309	6.46	30	6.14	32.309	6.46	25.43	255	255	0.1176
50	6.06	32.347	6.38	50	6.06	32.347	6.38	25.47	251	252	0.1684
65	6.05	32.615	6.24								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, JUN.12.1988, 07:40 KST,
 DEPTH 76 , COLOR 3, TRANS. 12.0, WAVE N 3, SWELL N 1, WIND N 4 , BARO 1020. ,
 ATR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT , WEATHER F

0	19.18	31.959	6.38	0	19.18	31.959	6.38	22.67	518	518	0.0000
10	17.94	32.160	6.52	10	17.94	32.160	6.52	23.13	474	474	0.0496
20	10.67	32.390	6.61	20	10.67	32.390	6.61	24.82	313	313	0.0890
30	6.17	32.619	6.64	30	6.17	32.619	6.64	25.67	232	232	0.1163
50	6.08	32.619	6.31	50	6.08	32.619	6.31	25.68	231	231	0.1628
74	6.08	32.619	6.36								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, JUN.12.1988, 06:35 KST,
 DEPTH 82 , COLOR 3, TRANS. 13.0, WAVE N 2, SWELL N 1, WIND N 3 , BARO 1020. ,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	19.31	32.301	6.11	0	19.31	32.301	6.11	22.90	496	496	0.0000
10	17.72	32.175	6.31	10	17.72	32.175	6.31	23.20	468	468	0.0482
20	11.41	32.305	6.67	20	11.41	32.305	6.67	24.62	332	332	0.0882
30	6.43	32.541	6.54	30	6.43	32.541	6.54	25.58	241	241	0.1170
50	6.07	32.467	6.29	50	6.07	32.467	6.29	25.56	242	243	0.1655
75	6.06	32.390	6.21	75	6.06	32.390	6.21	25.50	248	249	0.2270

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, JUN.12.1988, 05:20 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE N 3, SWELL N 1, WIND N 3 , BARO 1022. ,
 AIR TEMP. DRY 17.9, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	19.15	32.495	5.99	0	19.15	32.495	5.99	23.09	478	478	0.0000
10	17.94	32.378	6.21	10	17.94	32.378	6.21	23.30	458	458	0.0468
20	15.51	32.278	6.32	20	15.51	32.278	6.32	23.78	412	412	0.0904
30	9.44	32.336	6.36	30	9.44	32.336	6.36	24.98	298	298	0.1259
50	6.10	32.510	6.24	50	6.10	32.510	6.24	25.59	240	240	0.1798
75	6.10	32.626	6.17	75	6.10	32.626	6.17	25.68	231	231	0.2389

8 月(August)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, AUG. 5.1988, 14:15 KST,
 DEPTH 20 , COLOR 5, TRANS. 9.0, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1005. ,
 AIR TEMP. DRY 28.1, WET , CLOUD. TYPE ST, AMT 08, WEATHER C

0	22.92	31.353	5.81	0	22.92	31.353	5.81	21.22	658	657	0.0000
10	22.30	31.317	5.87	10	22.30	31.317	5.87	21.36	644	644	0.0650
18	20.86	31.763	5.84								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, AUG. 5.1988, 13:50 KST,
 DEPTH 31 , COLOR 5, TRANS. 10.0, WAVE E 3, SWELL E 1, WIND E 2 , BARO 1005. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE ST, AMT 07, WEATHER BC

0	25.17	31.395	6.00	0	25.17	31.395	6.00	20.59	717	717	0.0000
10	21.73	31.748	5.61	10	21.73	31.748	5.61	21.84	597	597	0.0657
20	20.40	31.690	5.45	20	20.40	31.690	5.45	22.16	567	568	0.1240
29	19.39	31.578	5.37								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, AUG. 5.1988, 12:30 KST,
 DEPTH 49 , COLOR 5, TRANS. 10.0, WAVE E 2, SWELL E 1, WIND E 2 , BARO 1006. ,
 AIR TEMP. DRY 23.9, WET , CLOUD. TYPE ST, AMT 07, WEATHER BC

0	23.09	31.490	6.08	0	23.09	31.490	6.08	21.27	652	652	0.0000
10	21.01	31.690	5.99	10	21.01	31.690	5.99	21.99	583	583	0.0617
20	19.53	31.625	5.87	20	19.53	31.625	5.87	22.33	551	551	0.1185
30	13.95	32.163	5.57	30	13.95	32.163	5.57	24.02	389	389	0.1655
47	12.16	32.245	5.38								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, AUG. 5.1988, 11:15 KST,
 DEPTH 50 , COLOR 4, TRANS. 13.0, WAVE E 2, SWELL E 1, WIND E 2 , BARO 1005. ,
 AIR TEMP. DRY 25.1, WET , CLOUD. TYPE ST, AMT 10, WEATHER C

0	26.65	32.152	5.51	0	26.65	32.152	5.51	20.70	707	706	0.0000
10	24.99	32.047	5.57	10	24.99	32.047	5.57	21.14	665	665	0.0686
20	23.39	32.198	5.63	20	23.39	32.198	5.63	21.72	609	610	0.1324
30	13.54	32.206	5.50	30	13.54	32.206	5.50	24.14	378	378	0.1818
48	13.11	32.167	5.13								

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, AUG. 5.1988, 10:20 KST,
 DEPTH 52 , COLOR 4, TRANS. 14.0, WAVE E 2, SWELL E 1, WIND E 2 , BARO 1005. ,
 AIR TEMP. DRY 25.9, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	26.04	32.163	5.16	0	26.04	32.163	5.16	20.90	688	687	0.0000
10	24.81	32.086	5.34	10	24.81	32.086	5.34	21.22	657	657	0.0672
20	23.26	32.156	5.23	20	23.26	32.156	5.23	21.72	609	609	0.1306
30	10.62	32.160	5.04	30	10.62	32.160	5.04	24.65	329	330	0.1776
50	10.51	32.163	4.73	50	10.51	32.163	4.73	24.67	327	328	0.2434

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, AUG. 5.1988, 09:10 KST,
 DEPTH 60 , COLOR 3, TRANS. 16.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1005. ,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CU, AMT 05, WEATHER BC

0	26.77	32.125	5.08	0	26.77	32.125	5.08	20.65	712	712	0.0000
10	25.20	31.889	5.22	10	25.20	31.889	5.22	20.95	683	683	0.0697
20	13.17	32.105	5.10	20	13.17	32.105	5.10	24.14	378	378	0.1228
30	9.14	32.249	5.02	30	9.14	32.249	5.02	24.96	300	300	0.1568
50	9.01	31.905	4.63	50	9.01	31.905	4.63	24.71	323	324	0.2192
58	9.01	31.905	4.21								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, AUG. 5.1988, 07:55 KST,
 DEPTH 67 , COLOR 3, TRANS. 16.0, WAVE S 2, SWELL S 1, WIND S 2 , BARO 1005. ,
 AIR TEMP. DRY 27.5, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	27.10	32.047	5.56	0	27.10	32.047	5.56	20.48	728	727	0.0000
10	25.10	32.121	5.45	10	25.10	32.121	5.45	21.16	663	663	0.0695
20	18.38	32.229	5.15	20	18.38	32.229	5.15	23.08	479	480	0.1267
30	8.81	32.055	5.15	30	8.81	32.055	5.15	24.86	309	309	0.1662
50	8.52	31.939	5.06	50	8.52	31.939	5.06	24.81	314	314	0.2286
65	8.50	31.939	4.82								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, AUG. 5.1988, 06:50 KST,
 DEPTH 76 , COLOR 3, TRANS. 17.5, WAVE S 2, SWELL S 1, WIND S 2 , BARO 1005. ,
 AIR TEMP. DRY 25.3, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	26.44	32.113	5.74	0	26.44	32.113	5.74	20.74	703	703	0.0000
10	24.41	32.091	5.66	10	24.41	32.091	5.66	21.34	645	646	0.0674
20	9.31	32.249	5.66	20	9.31	32.249	5.66	24.94	302	302	0.1148
30	7.41	31.928	5.47	30	7.41	31.928	5.47	24.96	299	299	0.1450
50	7.38	32.160	5.40	50	7.38	32.160	5.40	25.15	282	282	0.2032
74	7.39	32.229	5.29								

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, AUG. 5.1988, 05:40 KST,
 DEPTH 83 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 2 , BARO 1005. ,
 AIR TEMP. DRY 24.8, WET , CLOUD. TYPE AS, AMT 03, WEATHER BC

0	26.34	32.163	5.76	0	26.34	32.163	5.76	20.81	696	696	0.0000
10	24.59	31.932	5.65	10	24.59	31.932	5.65	21.17	662	662	0.0679
20	7.34	32.194	5.46	20	7.34	32.194	5.46	25.18	279	279	0.1150
30	6.95	32.191	5.50	30	6.95	32.191	5.50	25.23	274	274	0.1427
50	6.86	31.885	5.55	50	6.86	31.885	5.55	25.00	296	296	0.1997
75	6.83	32.229	5.36	75	6.83	32.229	5.36	25.28	269	270	0.2706

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, AUG. 5.1988, 04:30 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 2 , BARO 1004. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.44	32.055	6.04	0	26.44	32.055	6.04	20.70	707	707	0.0000
10	24.04	31.970	6.07	10	24.04	31.970	6.07	21.36	644	644	0.0675
20	6.70	32.148	6.06	20	6.70	32.148	6.06	25.23	274	274	0.1135
30	6.61	32.148	5.91	30	6.61	32.148	5.91	25.24	273	273	0.1409
50	6.50	32.032	5.76	50	6.50	32.032	5.76	25.17	280	280	0.1963
75	6.47	32.187	5.65	75	6.47	32.187	5.65	25.29	268	269	0.2651

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, OCT.10.1988, 05:40 KST,
 DEPTH 21 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1022. ,
 AIR TEMP. DRY 18.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	18.52	32.499	6.47	0	18.52	32.499	6.47	23.25	463	463	0.0000
10	18.49	32.607	6.52	10	18.49	32.607	6.52	23.34	454	454	0.0458
19	18.55	32.619	6.40								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, OCT.10.1988, 04:30 KST,
 DEPTH 28 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1019. ,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.22	32.592	6.42	0	19.22	32.592	6.42	23.14	473	473	0.0000
10	19.24	32.576	6.67	10	19.24	32.576	6.67	23.13	475	475	0.0474
20	19.21	32.561	6.41	20	19.21	32.561	6.41	23.12	475	475	0.0949
26	18.96	32.592	6.18								

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, OCT.10.1988, 03:30 KST,
 DEPTH 49 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1018. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.50	32.619	6.32	0	19.50	32.619	6.32	23.09	478	477	0.0000
10	19.46	32.642	6.61	10	19.46	32.642	6.61	23.12	475	475	0.0476
20	19.47	32.619	6.42	20	19.47	32.619	6.42	23.10	477	477	0.0953
30	19.30	32.599	6.17	30	19.30	32.599	6.17	23.13	474	475	0.1429
47	19.12	32.607	6.20								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, OCT.10.1988, 02:30 KST,
 DEPTH 50 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1018. ,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.91	32.662	5.92	0	19.91	32.662	5.92	23.02	485	484	0.0000
10	19.90	32.682	5.88	10	19.90	32.682	5.88	23.04	483	483	0.0484
20	19.33	32.619	6.08	20	19.33	32.619	6.08	23.14	474	474	0.0963
30	16.90	32.661	6.04	30	16.90	32.661	6.04	23.76	414	415	0.1407
48	15.51	32.678	5.96								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, OCT.10.1988, 01:20 KST,
 DEPTH 52 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1017. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.88	32.705	6.07	0	20.88	32.705	6.07	22.80	506	506	0.0000
10	20.84	32.767	6.10	10	20.84	32.767	6.10	22.86	500	500	0.0503
20	19.92	32.592	6.11	20	19.92	32.592	6.11	22.97	490	490	0.0999
30	19.65	32.599	6.18	30	19.65	32.599	6.18	23.04	483	483	0.1486
50	13.32	32.619	5.93	50	13.32	32.619	5.93	24.50	343	344	0.2315

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, OCT.10.1988, 00:15 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE N 4, SWELL N 1, WIND N 3 , BARO 1015. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.76	32.775	6.48	0	20.76	32.775	6.48	22.88	498	498	0.0000
10	20.84	32.736	6.42	10	20.84	32.736	6.42	22.83	503	503	0.0500
20	20.73	32.697	6.00	20	20.73	32.697	6.00	22.83	503	503	0.1003
30	20.58	32.697	5.81	30	20.58	32.697	5.81	22.87	499	500	0.1505
50	12.27	32.611	5.80	50	12.27	32.611	5.80	24.70	324	325	0.2331
56	12.10	32.678	6.18								

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, OCT. 9.1988, 23:05 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE N 3, SWELL N 1, WIND N 3 , BARO 1014. ,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.53	32.627	5.57	0	20.53	32.627	5.57	22.83	503	502	0.0000
10	20.50	32.678	6.15	10	20.50	32.678	6.15	22.88	498	498	0.0500
20	19.49	32.627	5.96	20	19.49	32.627	5.96	23.10	477	477	0.0989
30	16.05	32.638	5.90	30	16.05	32.638	5.90	23.94	397	398	0.1426
50	12.90	32.662	6.02	50	12.90	32.662	6.02	24.62	332	333	0.2158
65	10.71	32.568	6.08								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, OCT. 9.1988, 21:50 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1015. ,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.55	32.621	5.87	0	20.55	32.621	5.87	22.82	504	503	0.0000
10	20.48	32.642	6.07	10	20.48	32.642	6.07	22.86	500	500	0.0502
20	20.10	32.627	6.19	20	20.10	32.627	6.19	22.95	492	492	0.0999
30	19.83	32.627	5.92	30	19.83	32.627	5.92	23.02	485	486	0.1488
50	12.24	32.642	5.92	50	12.24	32.642	5.92	24.73	322	322	0.2297
73	10.08	32.642	5.83								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, OCT. 9.1988, 20:45 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1014. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.93	32.682	6.02	0	20.93	32.682	6.02	22.77	509	509	0.0000
10	20.89	32.779	6.17	10	20.89	32.779	6.17	22.85	501	501	0.0505
20	20.80	32.736	6.03	20	20.80	32.736	6.03	22.84	502	502	0.1007
30	18.38	32.763	6.20	30	18.38	32.763	6.20	23.48	440	441	0.1479
50	13.21	32.674	6.35	50	13.21	32.674	6.35	24.57	337	338	0.2259
75	10.28	32.530	6.11	75	10.28	32.530	6.11	25.00	296	298	0.3054

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, OCT. 9.1988, 19:25 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1014. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.13	32.814	6.11	0	21.13	32.814	6.11	22.81	504	504	0.0000
10	20.95	32.748	6.39	10	20.95	32.748	6.39	22.81	505	505	0.0504
20	20.89	32.765	5.96	20	20.89	32.765	5.96	22.84	502	502	0.1008
30	19.10	32.771	6.07	30	19.10	32.771	6.07	23.31	457	458	0.1489
50	9.59	32.682	6.16	50	9.59	32.682	6.16	25.23	274	275	0.2222
75	9.43	32.561	5.82	75	9.43	32.561	5.82	25.16	281	282	0.2919

12月(December)

IN CHEON 866 , STATION 308-01 , 36-19.8. N, 126-14.4. E, DEC.30.1988, 10:40 KST,
 DEPTH 20 , COLOR 7, TRANS. 3.0, WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1030. ,
 AIR TEMP. DRY 4.1, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC

0	7.49	32.287	5.97	0	7.49	32.287	5.97	25.24	274	273	0.0000
10	7.56	32.312	6.44	10	7.56	32.312	6.44	25.25	273	273	0.0273
18	7.59	32.313	6.22								

IN CHEON 866 , STATION 308-02 , 36-19.8. N, 126-02.3. E, DEC.30.1988, 09:35 KST,
 DEPTH 28 , COLOR 7, TRANS. 4.0, WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1032. ,
 AIR TEMP. DRY 3.9, WET , CLOUD. TYPE CU, AMT 04, WEATHER BC

0	7.48	32.282	5.84	0	7.48	32.282	5.84	25.23	274	274	0.0000
10	7.57	32.441	6.56	10	7.57	32.441	6.56	25.34	263	263	0.0268
20	7.55	32.228	6.45	20	7.55	32.228	6.45	25.18	279	279	0.0540
26	7.58	32.228	6.49								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-03 , 36-19.8. N, 125-50.0. E, DEC.30.1988, 08:25 KST,
 DEPTH 50 , COLOR 6, TRANS. 5.0, WAVE NE 4, SWELL NE 1, WIND NE 4 , BARO 1035. ,
 ATR TEMP. DRY 3.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.18	32.332	5.71	0	8.18	32.332	5.71	25.17	280	279	0.0000
10	8.26	32.425	6.44	10	8.26	32.425	6.44	25.23	274	274	0.0276
20	8.24	32.433	6.54	20	8.24	32.433	6.54	25.24	273	273	0.0550
30	8.42	32.483	6.39	30	8.42	32.483	6.39	25.25	272	272	0.0823
48	7.92	32.448	6.08								

IN CHEON 866 , STATION 308-04 , 36-19.8. N, 125-37.0. E, DEC.30.1988, 07:25 KST,
 DEPTH 50 , COLOR 5, TRANS. 7.0, WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1036. ,
 ATR TEMP. DRY 3.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	7.67	32.270	5.82	0	7.67	32.270	5.82	25.20	277	277	0.0000
10	7.72	32.471	6.30	10	7.72	32.471	6.30	25.35	263	263	0.0270
20	7.73	32.263	6.21	20	7.73	32.263	6.21	25.18	279	279	0.0541
30	7.75	32.398	6.23	30	7.75	32.398	6.23	25.29	269	269	0.0815
48	7.73	32.398	6.11								

IN CHEON 866 , STATION 308-05 , 36-19.8. N, 125-25.3. E, DEC.30.1988, 06:15 KST,
 DEPTH 52 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1035. ,
 ATR TEMP. DRY 4.3, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	7.19	32.294	6.93	0	7.19	32.294	6.93	25.28	269	269	0.0000
10	7.28	32.286	6.40	10	7.28	32.286	6.40	25.26	271	271	0.0270
20	7.39	32.309	6.70	20	7.39	32.309	6.70	25.27	271	271	0.0541
30	7.38	32.340	6.05	30	7.38	32.340	6.05	25.29	268	268	0.0811
50	7.37	32.282	6.21	50	7.37	32.282	6.21	25.25	272	273	0.1353

IN CHEON 866 , STATION 308-06 , 36-19.8. N, 125-12.4. E, DEC.30.1988, 05:10 KST,
 DEPTH 60 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1036. ,
 ATR TEMP. DRY 4.2, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	7.17	32.340	6.81	0	7.17	32.340	6.81	25.32	265	265	0.0000
10	7.23	32.332	6.41	10	7.23	32.332	6.41	25.31	267	267	0.0266
20	7.26	32.333	6.81	20	7.26	32.333	6.81	25.30	267	267	0.0533
30	7.27	32.332	6.05	30	7.27	32.332	6.05	25.30	267	267	0.0801
50	7.64	32.328	5.87	50	7.64	32.328	5.87	25.25	273	273	0.1343
58	7.25	32.355	5.63								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 308-07 , 36-19.8. N, 125-00.0. E, DEC.30.1988, 04:00 KST,
 DEPTH 68 , COLOR , TRANS. , WAVE N 4, SWELL N 2, WIND N 6 , BARO 1034. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	7.13	32.352	6.67	0	7.13	32.352	6.67	25.34	264	264	0.0000
10	7.17	32.359	6.71	10	7.17	32.359	6.71	25.34	264	264	0.0264
20	7.19	32.375	6.22	20	7.19	32.375	6.22	25.35	263	263	0.0528
30	7.19	32.340	6.15	30	7.19	32.340	6.15	25.32	266	266	0.0793
50	7.65	32.359	5.84	50	7.65	32.359	5.84	25.27	270	271	0.1330
66	7.18	32.359	5.85								

IN CHEON 866 , STATION 308-08 , 36-19.8. N, 124-47.5. E, DEC.30.1988, 02:55 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE N 4, SWELL N 2, WIND N 6 , BARO 1034. ,
 AIR TEMP. DRY 3.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	7.08	31.696	6.12	0	7.08	31.696	6.12	24.83	312	312	0.0000
10	7.11	31.704	6.49	10	7.11	31.704	6.49	24.83	312	312	0.0312
20	7.12	31.713	6.49	20	7.12	31.713	6.49	24.84	312	312	0.0624
30	7.12	32.016	6.13	30	7.12	32.016	6.13	25.07	289	289	0.0925
50	7.44	32.126	5.97	50	7.44	32.126	5.97	25.12	285	285	0.1501
74	7.08	32.207	5.78								

IN CHEON 866 , STATION 308-09 , 36-19.8. N, 124-35.1. E, DEC.30.1988, 01:40 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE N 4, SWELL N 2, WIND N 6 , BARO 1032. ,
 AIR TEMP. DRY 3.6, WET , CLOUD. TYPE AC, AMT 04, WEATHER BC

0	7.10	32.368	5.92	0	7.10	32.368	5.92	25.35	262	262	0.0000
10	7.12	32.371	6.22	10	7.12	32.371	6.22	25.35	263	262	0.0262
20	7.26	32.373	6.44	20	7.26	32.373	6.44	25.33	264	264	0.0526
30	7.33	32.377	6.48	30	7.33	32.377	6.48	25.33	265	265	0.0791
50	7.32	32.375	5.98	50	7.32	32.375	5.98	25.33	265	265	0.1322
75	7.28	32.376	5.61	75	7.28	32.376	5.61	25.33	264	265	0.1986

IN CHEON 866 , STATION 308-10 , 36-19.8. N, 124-23.0. E, DEC.30.1988, 00:30 KST,
 DEPTH 81 , COLOR , TRANS. , WAVE N 4, SWELL N 2, WIND N 6 , BARO 1029. ,
 AIR TEMP. DRY 3.8, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC

0	7.14	32.373	6.25	0	7.14	32.373	6.25	25.35	263	262	0.0000
10	7.21	32.369	6.62	10	7.21	32.369	6.62	25.34	264	264	0.0263
20	7.23	32.372	5.97	20	7.23	32.372	5.97	25.34	264	264	0.0527
30	7.32	32.370	6.39	30	7.32	32.370	6.39	25.32	265	265	0.0792
50	7.32	32.377	5.87	50	7.32	32.377	5.87	25.33	265	265	0.1324
75	7.28	32.378	5.69	75	7.28	32.378	5.69	25.34	264	265	0.1987

309 線 海洋觀測 成績 Oceanographic Data. Line 309

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, FEB.21.1988, 18:45 KST,
 DEPTH 32 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 5 , BARO 1020. ,
 AIR TEMP. DRY 2.5, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	4.23	32.203	7.99	0	4.23	32.203	7.99	25.56	243	242	0.0000
10	4.29	32.091	7.75	10	4.29	32.091	7.75	25.46	252	252	0.0247
20	4.32	32.130	7.52	20	4.32	32.130	7.52	25.49	249	249	0.0498
30	4.31	31.979	7.41	30	4.31	31.979	7.41	25.37	260	260	0.0753

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, FEB.21.1988, 20:10 KST,
 DEPTH 36 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 4 , BARO 1021. ,
 AIR TEMP. DRY 2.3, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	4.76	32.223	7.89	0	4.76	32.223	7.89	25.52	246	246	0.0000
10	4.83	32.184	7.63	10	4.83	32.184	7.63	25.48	250	250	0.0248
20	4.84	32.351	7.41	20	4.84	32.351	7.41	25.61	238	238	0.0492
30	4.81	32.344	7.24	30	4.81	32.344	7.24	25.61	238	238	0.0730

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, FEB.21.1988, 21:40 KST,
 DEPTH 54 , COLOR , TRANS. , WAVE E 3, SWELL E 1, WIND E 5 , BARO 1023. ,
 AIR TEMP. DRY 2.2, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	5.12	32.239	7.82	0	5.12	32.239	7.82	25.49	249	249	0.0000
10	5.16	32.313	7.69	10	5.16	32.313	7.69	25.55	244	244	0.0246
20	5.19	32.541	7.50	20	5.19	32.541	7.50	25.72	227	227	0.0482
30	5.22	32.501	7.25	30	5.22	32.501	7.25	25.69	230	230	0.0711
50	5.26	32.313	7.00	50	5.26	32.313	7.00	25.54	245	245	0.1188

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, FEB.21.1988, 23:05 KST,
 DEPTH 55 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1022. ,
 AIR TEMP. DRY 2.0, WET , CLOUD. TYPE AS, AMT 02, WEATHER B

0	5.42	32.278	7.82	0	5.42	32.278	7.82	25.49	249	249	0.0000
10	5.50	32.433	7.50	10	5.50	32.433	7.50	25.60	239	238	0.0244
20	5.51	32.378	7.32	20	5.51	32.378	7.32	25.56	243	243	0.0485
30	5.54	32.394	7.14	30	5.54	32.394	7.14	25.57	242	242	0.0727
50	5.54	32.280	6.98	50	5.54	32.280	6.98	25.48	250	251	0.1221

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, FEB.22.1988, 00:30 KST,
 DEPTH 69 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 4 , BARO 1021. ,
 AIR TEMP. DRY 2.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.44	32.510	7.65	0	5.44	32.510	7.65	25.67	232	232	0.0000
10	5.47	32.549	7.45	10	5.47	32.549	7.45	25.70	230	229	0.0231
20	5.49	32.510	7.30	20	5.49	32.510	7.30	25.67	233	233	0.0462
30	5.51	32.394	7.13	30	5.51	32.394	7.13	25.57	242	242	0.0700
50	5.51	32.354	7.00	50	5.51	32.354	7.00	25.54	245	245	0.1187
65	5.50	32.433	6.70								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, FEB.22.1988, 02:00 KST,
 DEPTH 65 , COLOR , TRANS. , WAVE S 3, SWELL S 1, WIND S 4 , BARO 1021. ,
 AIR TEMP. DRY 3.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.37	32.584	7.84	0	5.37	32.584	7.84	25.74	226	225	0.0000
10	5.41	32.501	7.61	10	5.41	32.501	7.61	25.67	232	232	0.0229
20	5.44	32.540	7.46	20	5.44	32.540	7.46	25.70	230	230	0.0460
30	5.47	32.584	7.38	30	5.47	32.584	7.38	25.73	227	227	0.0689
50	5.46	32.583	7.14	50	5.46	32.583	7.14	25.73	227	227	0.1144
62	5.46	32.584	7.00								

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, FEB.22.1988, 03:30 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1022. ,
 AIR TEMP. DRY 3.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.68	32.623	7.70	0	5.68	32.623	7.70	25.73	226	226	0.0000
10	5.76	32.510	7.61	10	5.76	32.510	7.61	25.63	236	235	0.0231
20	5.75	32.386	7.50	20	5.75	32.386	7.50	25.54	245	245	0.0471
30	5.74	32.323	7.29	30	5.74	32.323	7.29	25.49	249	249	0.0719
50	5.74	32.394	7.18	50	5.74	32.394	7.18	25.55	244	244	0.1214
68	5.71	32.317	6.91								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, FEB.22.1988, 05:00 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1023. ,
 AIR TEMP. DRY 4.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	5.70	32.502	7.73	0	5.70	32.502	7.73	25.63	236	235	0.0000
10	5.84	32.502	7.50	10	5.84	32.502	7.50	25.62	237	237	0.0236
20	5.84	32.386	7.30	20	5.84	32.386	7.30	25.53	246	246	0.0478
30	5.85	32.425	7.23	30	5.85	32.425	7.23	25.56	243	243	0.0723
50	5.81	32.425	7.09	50	5.81	32.425	7.09	25.56	243	243	0.1210
72	5.78	32.464	6.74								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, FEB.22.1988, 06:30 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1025. ,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	6.13	32.429	7.65	0	6.13	32.429	7.65	25.53	246	246	0.0000
10	6.14	32.351	7.34	10	6.14	32.351	7.34	25.46	252	252	0.0249
20	6.14	32.429	7.24	20	6.14	32.429	7.24	25.52	246	246	0.0498
30	6.15	32.429	7.30	30	6.15	32.429	7.30	25.52	246	246	0.0745
50	6.16	32.506	7.16	50	6.16	32.506	7.16	25.58	241	241	0.1233
75	6.17	32.545	6.88	75	6.17	32.545	6.88	25.61	238	238	0.1833

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, FEB.22.1988, 07:55 KST,
 DEPTH 85 , COLOR 4, TRANS. 13.0, WAVE SE 5, SWELL SE 2, WIND SE 4 , BARO 1025. ,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	6.14	32.211	7.62	0	6.14	32.211	7.62	25.35	262	262	0.0000
10	6.21	32.246	7.34	10	6.21	32.246	7.34	25.37	261	260	0.0261
20	6.19	32.276	7.18	20	6.19	32.276	7.18	25.40	258	258	0.0521
30	6.19	32.341	7.29	30	6.19	32.341	7.29	25.45	253	253	0.0777
50	6.16	32.464	7.22	50	6.16	32.464	7.22	25.55	244	244	0.1276
75	6.16	32.619	7.08	75	6.16	32.619	7.08	25.67	232	233	0.1873

4 月 (April)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, APR. 7.1988, 15:25 KST,
 DEPTH 30 , COLOR 7, TRANS. 2.8, WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE CU, AMT 09, WEATHER C

0	6.04	31.810	7.91	0	6.04	31.810	7.91	25.05	291	291	0.0000
10	5.45	31.837	8.09	10	5.45	31.837	8.09	25.14	283	283	0.0287
20	5.42	31.860	7.59	20	5.42	31.860	7.59	25.16	281	281	0.0569
28	5.45	31.860	7.38								

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, APR. 7.1988, 14:00 KST,
 DEPTH 37 , COLOR 7, TRANS. 4.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 6.8, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	6.24	31.902	8.19	0	6.24	31.902	8.19	25.10	287	286	0.0000
10	5.54	31.927	7.60	10	5.54	31.927	7.60	25.20	277	277	0.0282
20	5.34	31.937	7.39	20	5.34	31.937	7.39	25.23	274	274	0.0557
30	5.30	32.007	7.16	30	5.30	32.007	7.16	25.29	268	268	0.0829
35	5.30	31.945	7.09								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, APR. 7.1988, 12:35 KST,
 DEPTH 54 , COLOR 7, TRANS. 5.0, WAVE SW 3, SWELL SW 1, WIND SW 4 , BARO 1022. ,
 AIR TEMP. DRY 6.8, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	5.44	31.980	8.07	0	5.44	31.980	8.07	25.25	272	272	0.0000
10	5.25	31.976	7.76	10	5.25	31.976	7.76	25.27	270	270	0.0271
20	5.22	31.983	7.52	20	5.22	31.983	7.52	25.28	269	269	0.0541
30	5.21	31.980	7.34	30	5.21	31.980	7.34	25.28	269	269	0.0811
50	5.20	31.983	7.24	50	5.20	31.983	7.24	25.28	269	269	0.1350

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, APR. 7.1988, 11:10 KST,
 DEPTH 57 , COLOR 4, TRANS. 7.0, WAVE W 3, SWELL W 1, WIND W 4 , BARO 1022. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE CU, AMT 10, WEATHER R

0	5.92	32.030	8.02	0	5.92	32.030	8.02	25.24	273	273	0.0000
10	5.67	32.085	7.83	10	5.67	32.085	7.83	25.31	267	266	0.0270
20	5.24	32.103	7.80	20	5.24	32.103	7.80	25.37	260	260	0.0534
30	5.14	32.114	7.26	30	5.14	32.114	7.26	25.39	259	259	0.0794
50	5.10	32.137	7.05	50	5.10	32.137	7.05	25.42	256	257	0.1310

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, APR. 7.1988, 09:50 KST,
 DEPTH 67 , COLOR 4, TRANS. 7.0, WAVE W 3, SWELL W 1, WIND W 4 , BARO 1022. ,
 AIR TEMP. DRY 6.1, WET , CLOUD. TYPE CU, AMT 10, WEATHER R

0	5.91	32.107	7.88	0	5.91	32.107	7.88	25.30	268	267	0.0000
10	5.83	32.107	7.75	10	5.83	32.107	7.75	25.31	267	266	0.0267
20	5.37	32.176	7.71	20	5.37	32.176	7.71	25.42	256	256	0.0529
30	5.31	32.187	7.30	30	5.31	32.187	7.30	25.43	255	255	0.0785
50	5.31	32.182	7.21	50	5.31	32.182	7.21	25.43	255	255	0.1296
65	5.30	32.179	7.03								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, APR. 7.1988, 08:25 KST,
 DEPTH 65 , COLOR 4, TRANS. 11.0, WAVE W 3, SWELL W 1, WIND W 4 , BARO 1023. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE CU, AMT 10, WEATHER R

0	6.25	32.199	7.95	0	6.25	32.199	7.95	25.33	265	264	0.0000
10	6.23	32.199	8.07	10	6.23	32.199	8.07	25.33	264	264	0.0264
20	6.15	32.199	7.77	20	6.15	32.199	7.77	25.34	263	263	0.0529
30	5.80	32.234	7.23	30	5.80	32.234	7.23	25.41	257	257	0.0789
50	5.41	32.253	7.08	50	5.41	32.253	7.08	25.47	251	251	0.1298
62	5.37	32.253	6.89								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, APR. 7.1988, 07:00 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1027. ,
 AIR TEMP. DRY 6.1, WET , CLOUD. TYPE CU, AMT 10, WEATHER C

0	6.26	32.238	7.58	0	6.26	32.238	7.58	25.36	262	262	0.0000
10	6.28	32.242	7.85	10	6.28	32.242	7.85	25.36	262	262	0.0262
20	6.03	32.245	7.59	20	6.03	32.245	7.59	25.39	259	259	0.0522
30	5.52	32.234	7.22	30	5.52	32.234	7.22	25.44	254	254	0.0779
50	5.35	32.222	7.00	50	5.35	32.222	7.00	25.45	253	253	0.1286
65	5.36	32.226	6.77								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, APR. 7.1988, 05:40 KST,
 DEPTH 74 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1027. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE CU, AMT 07, WEATHER BC

0	6.03	32.222	7.57	0	6.03	32.222	7.57	25.37	260	260	0.0000
10	6.04	32.222	7.61	10	6.04	32.222	7.61	25.37	260	260	0.0260
20	6.00	32.222	7.52	20	6.00	32.222	7.52	25.38	260	260	0.0521
30	5.53	32.215	7.32	30	5.53	32.215	7.32	25.43	255	255	0.0779
50	5.25	32.245	7.14	50	5.25	32.245	7.14	25.48	250	250	0.1285
70	5.25	32.218	6.76								

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, APR. 7.1988, 04:00 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 4 , BARO 1027. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE CU, AMT 07, WEATHER BC

0	6.29	32.215	7.64	0	6.29	32.215	7.64	25.34	264	264	0.0000
10	6.31	32.207	7.79	10	6.31	32.207	7.79	25.33	265	265	0.0264
20	6.33	32.207	7.43	20	6.33	32.207	7.43	25.33	265	265	0.0529
30	5.45	32.238	7.39	30	5.45	32.238	7.39	25.46	253	253	0.0789
50	5.45	32.245	7.05	50	5.45	32.245	7.05	25.46	252	252	0.1295
75	5.43	32.265	6.84	75	5.43	32.265	6.84	25.48	250	251	0.1925

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, APR. 7.1988, 02:35 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE NW 4, SWELL NW 1, WIND NW 5 , BARO 1027. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE CU, AMT 08, WEATHER C

0	6.49	32.315	7.62	0	6.49	32.315	7.62	25.39	259	259	0.0000
10	6.61	32.257	7.67	10	6.61	32.257	7.67	25.33	265	264	0.0262
20	6.64	32.242	7.37	20	6.64	32.242	7.37	25.31	266	266	0.0527
30	6.65	32.253	7.14	30	6.65	32.253	7.14	25.32	265	266	0.0794
50	6.09	32.334	6.96	50	6.09	32.334	6.96	25.46	253	253	0.1313
73	6.23	32.389	6.76	75	6.23	32.385	6.72	25.48	250	251	0.1944
85	6.25	32.369	6.52								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, JUN.12.1988, 17:50 KST,
 DEPTH 36 , COLOR 5, TRANS. 10.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1019. ,
 AIR TEMP. DRY 23.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	17.72	32.113	6.13	0	17.72	32.113	6.13	23.15	472	472	0.0000
10	14.75	32.040	6.44	10	14.75	32.040	6.44	23.76	414	414	0.0443
20	13.12	31.924	6.34	20	13.12	31.924	6.34	24.01	391	391	0.0846
30	12.95	32.233	6.10	30	12.95	32.233	6.10	24.28	365	365	0.1224

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, JUN.12.1988, 18:50 KST,
 DEPTH 44 , COLOR 5, TRANS. 11.2, WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1018. ,
 AIR TEMP. DRY 19.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	18.26	31.974	6.00	0	18.26	31.974	6.00	22.91	495	495	0.0000
10	17.05	32.060	6.11	10	17.05	32.060	6.11	23.27	461	461	0.0478
20	12.34	32.241	6.48	20	12.34	32.241	6.48	24.40	353	353	0.0886
30	10.65	32.256	6.33	30	10.65	32.256	6.33	24.72	323	323	0.1224
40	10.52	32.218	6.04								

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, JUN.12.1988, 20:00 KST,
 DEPTH 53 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1018. ,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.02	32.245	6.02	0	19.02	32.245	6.02	22.93	493	493	0.0000
10	17.31	32.171	6.41	10	17.31	32.171	6.41	23.29	459	459	0.0476
20	9.84	32.576	6.55	20	9.84	32.576	6.55	25.10	286	286	0.0849
30	9.28	32.460	6.70	30	9.28	32.460	6.70	25.10	286	286	0.1136
50	9.13	32.615	6.40	50	9.13	32.615	6.40	25.25	272	273	0.1696

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, JUN.12.1988, 21:10 KST,
 DEPTH 59 , COLOR , TRANS. , WAVE NW 3, SWELL NW 1, WIND NW 3 , BARO 1017. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.55	32.382	6.09	0	19.55	32.382	6.09	22.90	496	496	0.0000
10	16.00	32.388	6.24	10	16.00	32.388	6.24	23.76	414	414	0.0455
20	8.88	32.394	6.49	20	8.88	32.394	6.49	25.12	285	285	0.0805
30	8.22	32.510	6.60	30	8.22	32.510	6.60	25.31	267	267	0.1082
50	8.12	32.320	6.65	50	8.12	32.320	6.65	25.17	280	280	0.1630
57	7.89	32.320	6.47								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, JUN.12.1988, 22:20 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1017. ,
 ATR TEMP. DRY 18.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.24	31.986	6.03	0	19.24	31.986	6.03	22.68	517	517	0.0000
10	17.09	32.378	6.20	10	17.09	32.378	6.20	23.50	439	439	0.0478
20	7.82	32.772	6.55	20	7.82	32.772	6.55	25.57	242	242	0.0819
30	7.39	32.557	6.62	30	7.39	32.557	6.62	25.46	252	252	0.1066
50	7.33	32.403	6.67	50	7.33	32.403	6.67	25.35	263	263	0.1583
68	7.29	32.440	6.62								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, JUN.12.1988, 23:20 KST,
 DEPTH 64 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 3 , BARO 1021. ,
 ATR TEMP. DRY 18.7, WET , CLOUD. TYPE , AMT 00, WEATHER F

0	19.62	31.897	6.29	0	19.62	31.897	6.29	22.51	533	533	0.0000
10	18.63	32.254	6.41	10	18.63	32.254	6.41	23.04	483	483	0.0508
20	13.59	32.347	6.50	20	13.59	32.347	6.50	24.24	368	369	0.0935
30	6.61	32.626	6.63	30	6.61	32.626	6.63	25.62	237	237	0.1238
50	6.50	32.591	6.37	50	6.50	32.591	6.37	25.61	238	239	0.1715
62	6.50	32.582	6.12								

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, JUN.13.1988, 00:30 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 3 , BARO 1020. ,
 AIR TEMP. DRY 19.1, WET , CLOUD. TYPE , AMT 02, WEATHER F

0	19.44	32.152	6.01	0	19.44	32.152	6.01	22.75	510	510	0.0000
10	17.94	32.198	6.32	10	17.94	32.198	6.32	23.16	471	471	0.0491
20	11.64	32.206	6.40	20	11.64	32.206	6.40	24.50	343	343	0.0898
30	6.46	32.355	6.52	30	6.46	32.355	6.52	25.43	256	256	0.1198
50	6.37	32.591	6.38	50	6.37	32.591	6.38	25.62	237	237	0.1692
65	6.39	32.623	6.26								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, JUN.13.1988, 01:40 KST,
 DEPTH 74 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 3 , BARO 1020. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.72	32.233	5.98	0	19.72	32.233	5.98	22.74	511	511	0.0000
10	18.13	32.229	6.23	10	18.13	32.229	6.23	23.14	473	473	0.0492
20	12.29	32.106	6.42	20	12.29	32.106	6.42	24.31	362	362	0.0910
30	6.50	32.398	6.30	30	6.50	32.398	6.30	25.45	253	253	0.1218
50	6.37	32.591	6.06	50	6.37	32.591	6.06	25.62	237	237	0.1709
70	6.35	32.286	6.07								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, JUN.13.1988, 03:00 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 3 , BARO 1019. ,
 AIR TEMP. DRY 19.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.34	31.897	5.63	0	19.34	31.897	5.63	22.59	526	526	0.0000
10	18.21	32.129	6.07	10	18.21	32.129	6.07	23.04	483	483	0.0504
20	14.36	31.974	6.41	20	14.36	31.974	6.41	23.79	411	411	0.0952
30	6.13	32.402	6.22	30	6.13	32.402	6.22	25.50	248	248	0.1282
50	6.23	32.324	6.03	50	6.23	32.324	6.03	25.43	255	255	0.1786
73	6.21	32.634	5.84								

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, JUN.13.1988, 04:20 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE W 3, SWELL W 1, WIND W 3 , BARO 1019. ,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE , AMT , WEATHER B

0	20.26	32.137	5.81	0	20.26	32.137	5.81	22.53	531	531	0.0000
10	18.19	31.909	6.18	10	18.19	31.909	6.18	22.88	498	498	0.0515
20	13.86	32.256	6.30	20	13.86	32.256	6.30	24.11	380	381	0.0954
30	9.84	32.260	6.22	30	9.84	32.260	6.22	24.86	309	310	0.1300
50	6.29	32.639	6.00	50	6.29	32.639	6.00	25.67	232	232	0.1843
75	6.28	32.638	5.87	75	6.28	32.638	5.87	25.67	232	233	0.2426

8 月(August)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, AUG. 5.1988, 17:00 KST,
 DEPTH 28 , COLOR 4, TRANS. 9.0, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1005. ,
 AIR TEMP. DRY 25.8, WET , CLOUD. TYPE ST, AMT 07, WEATHER BC

0	23.88	30.935	5.93	0	23.88	30.935	5.93	20.63	714	714	0.0000
10	22.54	31.391	6.00	10	22.54	31.391	6.00	21.35	645	645	0.0679
20	21.06	31.794	5.50	20	21.06	31.794	5.50	22.06	577	577	0.1290
26	21.23	31.709	5.37								

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, AUG. 5.1988, 18:10 KST,
 DEPTH 30 , COLOR 4, TRANS. 10.0, WAVE N 2, SWELL N 1, WIND N 2 , BARO 1005. ,
 AIR TEMP. DRY 25.8, WET , CLOUD. TYPE ST, AMT 05, WEATHER BC

0	24.23	32.336	5.97	0	24.23	32.336	5.97	21.58	623	622	0.0000
10	20.09	32.491	5.78	10	20.09	32.491	5.78	22.84	502	502	0.0562
20	18.74	32.262	5.47	20	18.74	32.262	5.47	23.01	485	486	0.1056
28	17.86	32.417	5.16								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, AUG. 5.1988, 19:25 KST,
 DEPTH 54 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 2 , BARO 1006. ,
 ATR TEMP. DRY 26.5, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	26.11	32.191	5.97	0	26.11	32.191	5.97	20.90	688	687	0.0000
10	24.04	32.073	5.58	10	24.04	32.073	5.58	21.44	636	636	0.0662
20	17.17	32.096	5.38	20	17.17	32.096	5.38	23.27	461	462	0.1211
30	15.71	32.611	5.17	30	15.71	32.611	5.17	23.99	392	392	0.1639
50	15.71	32.494	4.88	50	15.71	32.494	4.88	23.90	400	401	0.2434

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, AUG. 5.1988, 20:25 KST,
 DEPTH 55 , COLOR , TRANS. , WAVE E 3, SWELL E 1, WIND E 2 , BARO 1006. ,
 ATR TEMP. DRY 26.5, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	26.31	32.179	5.83	0	26.31	32.179	5.83	20.83	694	694	0.0000
10	22.50	32.207	5.51	10	22.50	32.207	5.51	21.98	584	584	0.0639
20	15.19	32.266	5.61	20	15.19	32.266	5.61	23.84	406	406	0.1135
30	14.74	32.277	5.50	30	14.74	32.277	5.50	23.95	396	397	0.1537
50	14.46	32.291	5.27	50	14.46	32.291	5.27	24.02	390	391	0.2326

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, AUG. 5.1988, 21:30 KST,
 DEPTH 69 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1006. ,
 ATR TEMP. DRY 26.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.84	31.590	5.57	0	26.84	31.590	5.57	20.22	753	752	0.0000
10	23.61	31.779	5.50	10	23.61	31.779	5.50	21.34	646	646	0.0699
20	17.57	32.274	5.53	20	17.57	32.274	5.53	23.31	457	458	0.1251
30	13.86	32.498	5.25	30	13.86	32.498	5.25	24.30	363	363	0.1662
50	13.67	32.537	5.12	50	13.67	32.537	5.12	24.37	356	357	0.2383
67	13.59	32.537	4.90								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, AUG. 5.1988, 23:05 KST,
 DEPTH 65 , COLOR , TRANS. , WAVE E 3, SWELL E 1, WIND E 3 , BARO 1006. ,
 AIR TEMP. DRY 26.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.80	31.393	5.61	0	26.80	31.393	5.61	20.09	766	765	0.0000
10	23.15	31.197	5.43	10	23.15	31.197	5.43	21.03	675	675	0.0720
20	16.45	32.529	5.20	20	16.45	32.529	5.20	23.76	414	414	0.1265
30	12.82	32.460	5.06	30	12.82	32.460	5.06	24.48	346	346	0.1646
50	12.68	32.615	4.84	50	12.68	32.615	4.84	24.63	332	332	0.2325
62	12.68	32.498	4.78								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, AUG. 6.1988, 00:10 KST,
 DEPTH 68 , COLOR , TRANS. , WAVE E 3, SWELL E 1, WIND E 3 , BARO 1006. ,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.42	31.818	5.81	0	26.42	31.818	5.81	20.53	724	723	0.0000
10	25.29	31.629	5.79	10	25.29	31.629	5.79	20.73	704	704	0.0714
20	20.87	32.009	5.57	20	20.87	32.009	5.57	22.27	556	556	0.1345
30	14.87	32.491	5.47	30	14.87	32.491	5.47	24.08	383	384	0.1815
50	10.24	32.502	5.25	50	10.24	32.502	5.25	24.98	298	299	0.2498
66	9.93	32.386	5.16								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, AUG. 6.1988, 01:20 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE E 3, SWELL E 1, WIND E 3 , BARO 1007. ,
 AIR TEMP. DRY 26.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.51	31.733	6.04	0	26.51	31.733	6.04	20.43	733	732	0.0000
10	24.03	31.513	5.89	10	24.03	31.513	5.89	21.02	677	677	0.0704
20	18.65	32.163	5.77	20	18.65	32.163	5.77	22.96	490	491	0.1289
30	13.00	32.262	5.70	30	13.00	32.262	5.70	24.29	364	364	0.1716
50	9.32	32.533	5.59	50	9.32	32.533	5.59	25.16	281	282	0.2363
74	9.28	32.533	5.56								

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, AUG. 6.1988, 02:20 KST,
 DEPTH 78 , COLOR , TRANS. , WAVE SE 3, SWELL SE 1, WIND SE 4 , BARO 1007. ,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.54	31.897	5.90	0	26.54	31.897	5.90	20.55	722	721	0.0000
10	25.77	32.086	5.76	10	25.77	32.086	5.76	20.93	685	685	0.0703
20	21.84	32.121	5.86	20	21.84	32.121	5.86	22.10	573	573	0.1333
30	13.45	32.471	5.70	30	13.45	32.471	5.70	24.36	357	357	0.1799
50	11.22	32.541	5.44	50	11.22	32.541	5.44	24.84	311	312	0.2469
75	10.08	32.502	5.24	75	10.08	32.502	5.24	25.01	295	296	0.3230

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, AUG. 6.1988, 03:40 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE SE 4, SWELL SE 1, WIND SE 5 , BARO 1007. ,
 AIR TEMP. DRY 26.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	26.83	31.970	5.81	0	26.83	31.970	5.81	20.51	725	725	0.0000
10	26.37	32.055	5.84	10	26.37	32.055	5.84	20.72	705	705	0.0715
20	25.01	32.117	5.87	20	25.01	32.117	5.87	21.18	661	661	0.1399
30	14.16	32.117	5.70	30	14.16	32.117	5.70	23.95	396	397	0.1928
50	7.33	32.017	5.57	50	7.33	32.017	5.57	25.05	292	292	0.2618
75	7.11	32.595	5.40	75	7.11	32.595	5.40	25.53	246	246	0.3292

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, OCT.10.1988, 08:45 KST,
 DEPTH 29 , COLOR 5, TRANS. 12.0, WAVE N 3, SWELL N 1, WIND N 3 , BARO 1020. ,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.32	32.654	5.74	0	19.32	32.654	5.74	23.17	471	470	0.0000
10	19.19	32.572	6.12	10	19.19	32.572	6.12	23.14	474	474	0.0472
20	20.84	32.584	6.17	20	20.84	32.584	6.17	22.72	514	514	0.0966
27	18.22	32.642	6.26								

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, OCT.10.1988, 09:50 KST,
 DEPTH 39 , COLOR 5, TRANS. 9.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1022. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	19.67	32.650	6.38	0	19.67	32.650	6.38	23.07	480	479	0.0000
10	19.50	32.662	6.30	10	19.50	32.662	6.30	23.13	475	475	0.0477
20	19.36	32.659	6.14	20	19.36	32.659	6.14	23.16	471	472	0.0951
30	17.95	32.662	6.00	30	17.95	32.662	6.00	23.51	438	438	0.1406
37	17.93	32.672	5.99								

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, OCT.10.1988, 11:00 KST,
 DEPTH 54 , COLOR 4, TRANS. 9.0, WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1021. ,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.78	32.662	6.24	0	19.78	32.662	6.24	23.06	481	481	0.0000
10	19.49	32.674	6.47	10	19.49	32.674	6.47	23.14	473	473	0.0477
20	19.37	32.662	6.19	20	19.37	32.662	6.19	23.16	471	472	0.0950
30	18.52	32.678	5.76	30	18.52	32.678	5.76	23.39	450	450	0.1412
50	17.01	32.724	5.94	50	17.01	32.724	5.94	23.78	412	413	0.2276

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, OCT.10.1988, 12:15 KST,
 DEPTH 57 , COLOR 4, TRANS. 14.0, WAVE E 4, SWELL E 1, WIND E 3 , BARO 1021. ,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	20.37	32.783	6.28	0	20.37	32.783	6.28	22.99	487	487	0.0000
10	19.68	32.724	6.18	10	19.68	32.724	6.18	23.13	475	474	0.0481
20	18.72	32.705	6.03	20	18.72	32.705	6.03	23.36	453	453	0.0945
30	16.90	32.701	5.70	30	16.90	32.701	5.70	23.79	411	412	0.1378
50	14.98	32.736	5.63	50	14.98	32.736	5.63	24.25	368	369	0.2159
55	14.77	32.837	5.32								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, OCT.10.1988, 13:30 KST,
 DEPTH 67 , COLOR 4, TRANS. 15.0, WAVE E 2, SWELL E 1, WIND E 2 , BARO 1022. ,
 AIR TEMP. DRY 21.1, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	21.57	32.713	5.97	0	21.57	32.713	5.97	22.62	523	523	0.0000
10	21.12	32.728	6.04	10	21.12	32.728	6.04	22.75	510	510	0.0517
20	21.09	32.766	6.30	20	21.09	32.766	6.30	22.79	507	507	0.1026
30	20.93	32.819	6.14	30	20.93	32.819	6.14	22.87	499	500	0.1530
50	13.16	32.810	6.05	50	13.16	32.810	6.05	24.68	326	327	0.2358
65	13.12	32.808	5.68								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, OCT.10.1988, 14:55 KST,
 DEPTH 65 , COLOR 4, TRANS. 16.0, WAVE E 3, SWELL E 1, WIND E 3 , BARO 1022. ,
 AIR TEMP. DRY 21.7, WET , CLOUD. TYPE AC, AMT 02, WEATHER B

0	21.33	32.701	6.01	0	21.33	32.701	6.01	22.67	518	518	0.0000
10	20.79	32.724	6.39	10	20.79	32.724	6.39	22.84	502	502	0.0510
20	20.73	32.697	6.45	20	20.73	32.697	6.45	22.83	503	503	0.1013
30	20.68	32.693	5.92	30	20.68	32.693	5.92	22.84	502	502	0.1516
50	13.41	32.682	5.73	50	13.41	32.682	5.73	24.53	340	341	0.2361
63	12.36	32.662	5.44								

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, OCT.10.1988, 16:00 KST,
 DEPTH 67 , COLOR 4, TRANS. 14.0, WAVE NE 3, SWELL NE 1, WIND NE 2 , BARO 1020. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	21.00	32.690	6.07	0	21.00	32.690	6.07	22.76	510	510	0.0000
10	20.53	32.678	5.94	10	20.53	32.678	5.94	22.87	499	499	0.0504
20	20.48	32.730	6.02	20	20.48	32.730	6.02	22.92	494	494	0.1002
30	20.37	32.656	5.64	30	20.37	32.656	5.64	22.90	497	497	0.1498
50	12.37	32.654	5.65	50	12.37	32.654	5.65	24.72	323	324	0.2320
65	11.47	32.627	5.40								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, OCT.10.1988, 17:10 KST,
 DEPTH 73 , COLOR 4, TRANS. 12.0, WAVE E 3, SWELL E 1, WIND E 3 , BARO 1019. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.95	32.666	6.08	0	20.95	32.666	6.08	22.75	511	510	0.0000
10	20.60	32.693	5.76	10	20.60	32.693	5.76	22.86	500	500	0.0505
20	20.53	32.650	5.90	20	20.53	32.650	5.90	22.85	501	501	0.1006
30	20.52	32.686	5.75	30	20.52	32.686	5.75	22.88	498	499	0.1507
50	13.91	32.738	5.54	50	13.91	32.738	5.54	24.48	346	347	0.2353
70	9.19	32.536	5.38								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, OCT.10.1988, 18:25 KST,
 DEPTH 79 , COLOR , TRANS. , WAVE NE 3, SWELL NE 1, WIND NE 3 , BARO 1018. ,
 AIR TEMP. DRY 20.3, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	20.71	32.721	6.05	0	20.71	32.721	6.05	22.86	500	500	0.0000
10	20.44	32.705	5.88	10	20.44	32.705	5.88	22.92	495	495	0.0497
20	20.14	32.709	6.06	20	20.14	32.709	6.06	23.00	487	487	0.0989
30	19.58	32.763	5.63	30	19.58	32.763	5.63	23.18	469	470	0.1468
50	11.92	32.623	5.63	50	11.92	32.623	5.63	24.78	317	318	0.2257
75	8.11	32.530	5.40	75	8.11	32.530	5.40	25.34	264	265	0.2987

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, OCT.10.1988, 19:30 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE N 4, SWELL N 1, WIND N 4 , BARO 1016. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	20.38	32.717	5.98	0	20.38	32.717	5.98	22.94	492	492	0.0000
10	20.15	32.771	6.05	10	20.15	32.771	6.05	23.04	483	483	0.0487
20	19.99	32.713	5.72	20	19.99	32.713	5.72	23.04	483	483	0.0971
30	17.36	32.771	5.75	30	17.36	32.771	5.75	23.74	416	417	0.1421
50	11.88	32.627	5.67	50	11.88	32.627	5.67	24.79	316	317	0.2156
75	7.65	32.638	5.44	75	7.65	32.638	5.44	25.49	250	250	0.2867

12月(December)

IN CHEON 866 , STATION 309-01 , 35-51.3. N, 126-14.7. E, DEC.30.1988, 13:25 KST,
 DEPTH 30 , COLOR 6, TRANS. 5.0, WAVE E 3, SWELL E 1, WIND E 6 , BARO 1033. ,
 AIR TEMP. DRY 7.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.13	32.441	5.84	0	8.13	32.441	5.84	25.26	271	270	0.0000
10	8.14	32.444	6.33	10	8.14	32.444	6.33	25.27	271	271	0.0271
20	8.12	32.479	6.07	20	8.12	32.479	6.07	25.30	268	268	0.0540
28	8.14	32.456	6.16								

IN CHEON 866 , STATION 309-02 , 35-51.3. N, 126-02.0. E, DEC.30.1988, 14:30 KST,
 DEPTH 35 , COLOR 5, TRANS. 7.0, WAVE NE 4, SWELL NE 1, WIND NE 6 , BARO 1034. ,
 AIR TEMP. DRY 5.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	8.16	32.530	5.66	0	8.16	32.530	5.66	25.33	265	264	0.0000
10	8.20	32.479	6.66	10	8.20	32.479	6.66	25.28	269	269	0.0267
20	8.21	32.499	5.84	20	8.21	32.499	5.84	25.30	268	268	0.0535
30	8.20	32.491	6.12	30	8.20	32.491	6.12	25.29	268	268	0.0804
33	8.24	32.489	6.07								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-03 , 35-51.3. N, 125-49.3. E, DEC.30.1988, 15:30 KST,
 DEPTH 54 , COLOR 5, TRANS. 8.0, WAVE NE 4, SWELL NE 1, WIND NE 5 , BARO 1033. ,
 AIR TEMP. DRY 5.9, WET , CLOUD. TYPE AC, AMT 03, WEATHER BC

0	8.68	32.487	5.66	0	8.68	32.487	5.66	25.22	275	275	0.0000
10	8.30	32.514	6.13	10	8.30	32.514	6.13	25.30	268	268	0.0271
20	8.32	32.510	6.16	20	8.32	32.510	6.16	25.29	268	268	0.0540
30	8.31	32.522	6.22	30	8.31	32.522	6.22	25.30	267	267	0.0808
50	8.35	32.526	6.08	50	8.35	32.526	6.08	25.30	268	268	0.1345

IN CHEON 866 , STATION 309-04 , 35-51.3. N, 125-37.0. E, DEC.30.1988, 16:40 KST,
 DEPTH 57 , COLOR 5, TRANS. 8.0, WAVE NE 4, SWELL NE 1, WIND NE 4 , BARO 1030. ,
 AIR TEMP. DRY 6.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	8.54	32.520	5.62	0	8.54	32.520	5.62	25.27	271	270	0.0000
10	8.15	32.510	6.64	10	8.15	32.510	6.64	25.32	266	266	0.0268
20	8.16	32.522	6.09	20	8.16	32.522	6.09	25.32	265	265	0.0534
30	8.14	32.503	6.31	30	8.14	32.503	6.31	25.31	266	266	0.0800
50	8.14	32.530	6.24	50	8.14	32.530	6.24	25.33	264	265	0.1333

IN CHEON 866 , STATION 309-05 , 35-51.3. N, 125-24.4. E, DEC.30.1988, 17:45 KST,
 DEPTH 69 , COLOR 5, TRANS. 8.0, WAVE NE 5, SWELL NE 1, WIND NE 5 , BARO 1032. ,
 AIR TEMP. DRY 5.1, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	7.88	32.483	5.59	0	7.88	32.483	5.59	25.33	264	264	0.0000
10	7.92	32.506	6.29	10	7.92	32.506	6.29	25.35	263	263	0.0263
20	7.90	32.503	5.77	20	7.90	32.503	5.77	25.35	263	263	0.0527
30	7.93	32.514	6.02	30	7.93	32.514	6.02	25.35	263	263	0.0790
50	7.90	32.580	6.05	50	7.90	32.580	6.05	25.41	257	258	0.1312
67	7.91	32.627	5.70								

IN CHEON 866 , STATION 309-06 , 35-51.3. N, 125-12.3. E, DEC.30.1988, 18:55 KST,
 DEPTH 67 , COLOR , TRANS. , WAVE N 5, SWELL N 2, WIND N 6 , BARO 1029. ,
 AIR TEMP. DRY 4.7, WET , CLOUD. TYPE CC, AMT 08, WEATHER C

0	7.70	32.611	6.20	0	7.70	32.611	6.20	25.46	252	252	0.0000
10	7.79	32.599	6.73	10	7.79	32.599	6.73	25.44	254	254	0.0253
20	7.79	32.650	5.63	20	7.79	32.650	5.63	25.48	251	251	0.0506
30	7.79	32.545	5.57	30	7.79	32.545	5.57	25.40	258	259	0.0761
50	7.77	32.568	6.01	50	7.77	32.568	6.01	25.42	256	257	0.1277
65	7.77	32.561	5.63								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

IN CHEON 866 , STATION 309-07 , 35-51.3. N, 125-00.0. E, DEC.30.1988, 20:00 KST,
 DEPTH 68 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 6 , BARO 1027. ,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE CC, AMT 08, WEATHER C

0	7.14	32.518	6.90	0	7.14	32.518	6.90	25.46	252	252	0.0000
10	7.44	32.510	6.27	10	7.44	32.510	6.27	25.42	256	256	0.0254
20	7.49	32.503	6.08	20	7.49	32.503	6.08	25.40	257	257	0.0511
30	7.54	32.487	6.05	30	7.54	32.487	6.05	25.39	259	259	0.0770
50	7.52	32.541	5.86	50	7.52	32.541	5.86	25.43	255	255	0.1286
66	7.52	32.455	5.85								

IN CHEON 866 , STATION 309-08 , 35-51.3. N, 124-47.8. E, DEC.30.1988, 21:10 KST,
 DEPTH 74 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 6 , BARO 1028. ,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE CC, AMT 07, WEATHER BC

0	7.34	32.537	5.57	0	7.34	32.537	5.57	25.45	253	253	0.0000
10	7.45	32.503	6.03	10	7.45	32.503	6.03	25.41	257	257	0.0255
20	7.48	32.503	5.66	20	7.48	32.503	5.66	25.41	257	257	0.0512
30	7.51	32.518	6.15	30	7.51	32.518	6.15	25.41	257	257	0.0770
50	7.50	32.406	6.02	50	7.50	32.406	6.02	25.33	265	265	0.1293
72	7.52	32.549	5.78								

IN CHEON 866 , STATION 309-09 , 35-51.3. N, 124-35.1. E, DEC.30.1988, 22:15 KST,
 DEPTH 76 , COLOR , TRANS. , WAVE NNE 4, SWELL NNE 2, WIND NNE 5 , BARO 1028. ,
 AIR TEMP. DRY 5.2, WET , CLOUD. TYPE CC, AMT 07, WEATHER BC

0	7.05	32.460	5.87	0	7.05	32.460	5.87	25.43	255	255	0.0000
10	7.13	32.468	6.39	10	7.13	32.468	6.39	25.43	255	255	0.0255
20	7.15	32.472	5.83	20	7.15	32.472	5.83	25.43	255	255	0.0511
30	7.17	32.491	6.23	30	7.17	32.491	6.23	25.44	254	254	0.0766
50	7.17	32.475	5.80	50	7.17	32.475	5.80	25.43	255	256	0.1277
74	7.15	32.448	5.61								

IN CHEON 866 , STATION 309-10 , 35-51.3. N, 124-22.8. E, DEC.30.1988, 23:25 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1029. ,
 AIR TEMP. DRY 5.1, WET , CLOUD. TYPE CC, AMT 08, WEATHER C

0	7.03	32.673	5.35	0	7.03	32.673	5.35	25.60	239	239	0.0000
10	7.06	32.464	6.15	10	7.06	32.464	6.15	25.43	255	255	0.0247
20	7.08	32.487	5.37	20	7.08	32.487	5.37	25.45	253	253	0.0501
30	7.08	32.448	6.24	30	7.08	32.448	6.24	25.42	256	256	0.0756
50	7.11	32.475	5.76	50	7.11	32.475	5.76	25.43	255	255	0.1269
73	7.10	32.478	5.69	75	7.10	32.494	5.60	25.45	253	254	0.1906
85	7.10	32.576	5.15								

310 線 海洋觀測 成績 Oceanographic Data. Line 310

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, FEB.12.1988, 08:15 KST,
 DEPTH 27 , COLOR , TRANS. 4.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1029. ,
 ATR TEMP. DRY 3.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	7.41	32.682	7.37	0	7.41	32.682	7.37	25.56	243	243	0.0000
10	5.32	32.705	7.09	10	5.32	32.705	7.09	25.84	216	216	0.0229
20	5.40	32.620	6.92	20	5.40	32.620	6.92	25.76	223	223	0.0449
25	5.40	32.616	6.83								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, FEB.12.1988, 09:45 KST,
 DEPTH 58 , COLOR , TRANS. 5.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1029. ,
 ATR TEMP. DRY 4.9, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	6.16	32.790	7.37	0	6.16	32.790	7.37	25.81	219	219	0.0000
10	6.32	32.732	7.13	10	6.32	32.732	7.13	25.74	226	225	0.0222
20	6.17	32.728	7.11	20	6.17	32.728	7.11	25.76	224	224	0.0447
30	6.07	32.717	7.03	30	6.07	32.717	7.03	25.76	224	224	0.0672
55	6.35	32.752	7.00	50	6.29	32.745	7.00	25.75	224	225	0.1121

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, FEB.12.1988, 11:15 KST,
 DEPTH 73 , COLOR , TRANS. 6.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1030. ,
 ATR TEMP. DRY 5.1, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	7.25	32.853	7.18	0	7.25	32.853	7.18	25.71	228	228	0.0000
10	7.40	32.868	7.03	10	7.40	32.868	7.03	25.70	229	229	0.0228
20	7.19	32.814	6.93	20	7.19	32.814	6.93	25.69	230	230	0.0459
30	7.25	32.899	7.02	30	7.25	32.899	7.02	25.75	225	225	0.0687
50	7.21	32.810	7.00	50	7.21	32.810	7.00	25.68	231	231	0.1144
70	7.22	32.849	6.83								

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, FEB.12.1988, 12:45 KST,
 DEPTH 73 , COLOR , TRANS. 7.0, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1028. ,
 ATR TEMP. DRY 5.3, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	7.70	32.953	7.18	0	7.70	32.953	7.18	25.73	227	226	0.0000
10	7.54	32.922	7.08	10	7.54	32.922	7.08	25.73	227	227	0.0227

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	7.53	32.853	6.73	20	7.53	32.853	6.73	25.67	232	232	0.0456
30	7.51	32.903	6.61	30	7.51	32.903	6.61	25.72	228	228	0.0687
50	7.45	32.853	6.68	50	7.45	32.853	6.68	25.68	231	231	0.1147
71	7.55	32.856	6.68								

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, FEB.12.1988, 14:15 KST,
 DEPTH 83 , COLOR , TRANS. 12.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1027.5,
 AIR TEMP. DRY 7.8, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	7.60	32.849	7.07	0	7.60	32.849	7.07	25.66	233	233	0.0000
10	7.51	32.930	6.96	10	7.51	32.930	6.96	25.74	226	226	0.0229
20	7.48	32.911	6.99	20	7.48	32.911	6.99	25.73	227	227	0.0456
30	7.44	32.930	6.88	30	7.44	32.930	6.88	25.75	225	225	0.0683
50	7.52	32.845	6.78	50	7.52	32.845	6.78	25.67	232	233	0.1142
75	7.44	32.806	6.69	75	7.44	32.806	6.69	25.65	234	235	0.1728
80	7.50	32.818	6.65								

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, FEB.12.1988, 15:50 KST,
 DEPTH 87 , COLOR , TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 4 , BARO 1028. ,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	7.32	32.783	6.79	0	7.32	32.783	6.79	25.65	234	234	0.0000
10	7.30	32.798	6.73	10	7.30	32.798	6.73	25.66	233	233	0.0233
20	7.30	32.880	6.67	20	7.30	32.880	6.67	25.73	227	227	0.0464
30	7.22	32.891	6.58	30	7.22	32.891	6.58	25.75	225	225	0.0690
50	7.09	32.859	6.50	50	7.09	32.859	6.50	25.74	226	226	0.1142
75	7.28	32.833	6.42	75	7.28	32.833	6.42	25.69	230	231	0.1715
84	7.25	32.802	6.45								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, FEB.12.1988, 17:20 KST,
 DEPTH 93 , COLOR , TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 4 , BARO 1027. ,
 AIR TEMP. DRY 6.7, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	7.62	32.794	6.69	0	7.62	32.794	6.69	25.61	238	237	0.0000
10	7.65	32.775	6.73	10	7.65	32.775	6.73	25.60	239	239	0.0238
20	7.61	32.922	6.59	20	7.61	32.922	6.59	25.72	228	228	0.0472
30	7.52	32.953	6.51	30	7.52	32.953	6.51	25.75	224	224	0.0699
50	7.51	32.907	6.49	50	7.51	32.907	6.49	25.72	228	228	0.1152
75	7.59	32.938	6.43	75	7.59	32.938	6.43	25.73	226	227	0.1723
91	7.62	32.841	6.43								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-10 , 35-20.1' N, 124-23.5' E, FEB.12.1988, 18:55 KST,
 DEPTH 90 , COLOR , TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 4 , BARO 1027. ,
 AIR TEMP. DRY 7.1, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	7.65	32.845	6.76	0	7.65	32.845	6.76	25.65	234	234	0.0000
10	7.64	32.814	6.72	10	7.64	32.814	6.72	25.63	236	236	0.0235
20	7.62	32.856	6.66	20	7.62	32.856	6.66	25.66	233	233	0.0470
30	7.57	32.814	6.63	30	7.57	32.814	6.63	25.64	235	236	0.0705
50	7.51	32.814	6.67	50	7.51	32.814	6.67	25.65	235	235	0.1176
75	7.62	32.884	6.68	75	7.62	32.884	6.68	25.69	231	232	0.1761
88	7.60	32.740	6.47								

4 月 (April)

JEONBUK 868 , STATION 310-03 , 35-20.1' N, 125-49.3' E, APR. 8.1988, 08:15 KST,
 DEPTH 27 , COLOR 6, TRANS. 1.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 8.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	6.30	32.291	7.29	0	6.30	32.291	7.29	25.40	258	258	0.0000
10	6.22	32.293	7.32	10	6.22	32.293	7.32	25.41	257	257	0.0258
20	6.23	32.268	7.13	20	6.23	32.268	7.13	25.39	259	259	0.0516
25	6.20	32.275	7.07								

JEONBUK 868 , STATION 310-04 , 35-20.1' N, 125-36.5' E, APR. 8.1988, 09:45 KST,
 DEPTH 58 , COLOR 5, TRANS. 4.5, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 9.1, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	5.97	32.449	7.41	0	5.97	32.449	7.41	25.56	243	242	0.0000
10	5.78	32.457	7.09	10	5.78	32.457	7.09	25.59	240	240	0.0241
20	5.78	32.539	7.09	20	5.78	32.539	7.09	25.65	234	234	0.0478
30	5.75	32.593	7.19	30	5.75	32.593	7.19	25.70	229	229	0.0710
56	5.72	32.411	7.01	50	5.72	32.453	7.05	25.59	240	240	0.1180

JEONBUK 868 , STATION 310-05 , 35-20.1' N, 125-24.4' E, APR. 8.1988, 11:15 KST,
 DEPTH 71 , COLOR 4, TRANS. 9.3, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 8.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	6.45	32.598	7.39	0	6.45	32.598	7.39	25.62	237	237	0.0000
10	6.16	32.577	7.46	10	6.16	32.577	7.46	25.64	235	235	0.0236
20	6.14	32.573	7.20	20	6.14	32.573	7.20	25.64	235	235	0.0472

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
30	6.13	32.573	7.09	30	6.13	32.573	7.09	25.64	235	235	0.0707
50	6.11	32.574	6.90	50	6.11	32.574	6.90	25.64	235	235	0.1179
69	6.09	32.589	6.89								

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, APR. 8.1988, 12:45 KST,
 DEPTH 72 , COLOR 4, TRANS. 7.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 8.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	7.24	32.604	7.41	0	7.24	32.604	7.41	25.52	247	246	0.0000
10	6.83	32.663	7.37	10	6.83	32.663	7.37	25.62	237	237	0.0242
20	6.47	32.589	7.29	20	6.47	32.589	7.29	25.61	238	238	0.0480
30	6.21	32.609	6.99	30	6.21	32.609	6.99	25.66	233	234	0.0716
50	6.15	32.666	6.73	50	6.15	32.666	6.73	25.71	229	229	0.1179
70	6.12	32.783	6.68								

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, APR. 8.1988, 14:15 KST,
 DEPTH 82 , COLOR 4, TRANS. 7.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1026. ,
 AIR TEMP. DRY 9.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	7.45	32.825	7.29	0	7.45	32.825	7.29	25.66	233	233	0.0000
10	6.92	32.818	7.01	10	6.92	32.818	7.01	25.73	227	226	0.0230
20	6.88	32.915	6.93	20	6.88	32.915	6.93	25.81	219	219	0.0453
30	6.55	32.951	6.78	30	6.55	32.951	6.78	25.88	212	212	0.0669
50	6.39	32.867	6.58	50	6.39	32.867	6.58	25.84	216	217	0.1098
75	6.39	32.887	6.66	75	6.39	32.887	6.66	25.85	215	215	0.1640
80	6.42	33.002	6.68								

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, APR. 8.1988, 15:50 KST,
 DEPTH 87 , COLOR 4, TRANS. 9.3, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1025.5,
 AIR TEMP. DRY 10.1, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	8.19	32.924	7.02	0	8.19	32.924	7.02	25.63	236	235	0.0000
10	7.89	32.851	7.01	10	7.89	32.851	7.01	25.62	237	237	0.0236
20	7.47	32.836	6.88	20	7.47	32.836	6.88	25.67	232	232	0.0471
30	7.24	33.002	6.79	30	7.24	33.002	6.79	25.83	217	217	0.0696
50	6.90	32.979	6.82	50	6.90	32.979	6.82	25.86	214	215	0.1129
75	6.89	32.794	6.88	75	6.89	32.794	6.88	25.71	228	229	0.1685
85	6.89	32.736	6.78								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, APR. 8.1988, 17:20 KST,
 DEPTH 92 , COLOR , TRANS. 9.5, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1025.5,
 AIR TEMP. DRY 9.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	8.72	32.691	7.14	0	8.72	32.691	7.14	25.37	261	260	0.0000
10	7.80	32.689	7.34	10	7.80	32.689	7.34	25.51	248	248	0.0254
20	7.72	32.694	7.40	20	7.72	32.694	7.40	25.52	246	246	0.0501
30	7.01	32.663	7.09	30	7.01	32.663	7.09	25.60	239	239	0.0745
50	7.00	32.755	6.99	50	7.00	32.755	6.99	25.67	232	233	0.1218
75	6.99	32.685	6.78	75	6.99	32.685	6.78	25.62	237	238	0.1808
90	7.00	32.721	6.68								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, APR. 8.1988, 18:55 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1026. ,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	8.42	33.031	7.19	0	8.42	33.031	7.19	25.68	231	231	0.0000
10	7.99	32.962	7.29	10	7.99	32.962	7.29	25.69	230	230	0.0230
20	7.87	33.062	7.35	20	7.87	33.062	7.35	25.79	221	221	0.0456
30	7.90	33.025	7.19	30	7.90	33.025	7.19	25.76	224	224	0.0679
50	7.10	32.909	6.88	50	7.10	32.909	6.88	25.78	222	222	0.1127
75	7.00	32.820	6.83	75	7.00	32.820	6.83	25.72	227	228	0.1692
88	7.00	32.650	6.58								

6 月(June)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, JUN. 8.1988, 20:50 KST,
 DEPTH 27 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 3 , BARO 1006. ,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE , AMT , WEATHER

0	18.01	32.290	6.12	0	18.01	32.290	6.12	23.21	466	466	0.0000
10	17.41	32.330	6.23	10	17.41	32.330	6.23	23.39	450	450	0.0458
20	14.50	32.440	6.05	20	14.50	32.440	6.05	24.12	379	380	0.0873
25	13.83	32.620	6.07								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, JUN. 8.1988, 21:50 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 4 , BARO 1006. ,
 AIR TEMP. DRY 17.4, WET , CLOUD. TYPE , AMT , WEATHER

0	18.05	32.510	6.10	0	18.05	32.510	6.10	23.37	451	451	0.0000
10	15.23	32.430	6.22	10	15.23	32.430	6.22	23.96	395	395	0.0423

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	10.00	32.560	6.28	20	10.00	32.560	6.28	25.07	290	290	0.0766
30	8.71	32.640	6.25	30	8.71	32.640	6.25	25.33	264	264	0.1044
55	8.61	32.510	6.22	50	8.63	32.536	6.22	25.26	271	271	0.1580

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, JUN. 8.1988, 22:50 KST,
 DEPTH 71 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 4 , BARO 1007. ,
 AIR TEMP. DRY 17.0, WET , CLOUD. TYPE , AMT , WEATHER

0	17.91	32.490	5.84	0	17.91	32.490	5.84	23.39	449	449	0.0000
10	17.90	32.480	6.03	10	17.90	32.480	6.03	23.39	450	450	0.0449
20	14.61	32.500	6.43	20	14.61	32.500	6.43	24.15	377	377	0.0864
30	8.61	32.520	6.29	30	8.61	32.520	6.29	25.26	272	272	0.1189
50	8.49	32.530	6.16	50	8.49	32.530	6.16	25.28	269	270	0.1731
68	8.40	32.510	6.01								

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, JUN. 8.1988, 23:50 KST,
 DEPTH 72 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 3 , BARO 1007. ,
 AIR TEMP. DRY 17.3, WET , CLOUD. TYPE , AMT , WEATHER

0	17.90	32.256	5.63	0	17.90	32.256	5.63	23.22	466	466	0.0000
10	17.60	32.248	5.89	10	17.60	32.248	5.89	23.28	460	460	0.0463
20	11.41	32.557	6.57	20	11.41	32.557	6.57	24.82	313	313	0.0850
30	8.23	32.642	6.13	30	8.23	32.642	6.13	25.41	257	257	0.1136
50	8.10	32.616	6.13	50	8.10	32.616	6.13	25.41	257	258	0.1652
70	7.20	32.663	6.02								

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, JUN. 9.1988, 00:50 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 3 , BARO 1007. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE , AMT , WEATHER

0	17.72	32.230	5.68	0	17.72	32.230	5.68	23.24	464	464	0.0000
10	17.62	32.110	6.08	10	17.62	32.110	6.08	23.17	470	470	0.0467
20	14.72	32.380	6.20	20	14.72	32.380	6.20	24.03	388	389	0.0897
30	9.24	32.540	6.20	30	9.24	32.540	6.20	25.17	280	280	0.1232
50	7.09	32.520	6.25	50	7.09	32.520	6.25	25.47	251	251	0.1764
80	7.01	32.490	6.31	75	7.02	32.495	6.30	25.46	252	253	0.2395

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, JUN. 9.1988, 01:55 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 4 , BARO 1007. ,
 AIR TEMP. DRY 17.5, WET , CLOUD. TYPE , AMT , WEATHER

0	17.80	32.370	5.61	0	17.80	32.370	5.61	23.33	456	455	0.0000
10	17.72	32.400	5.88	10	17.72	32.400	5.88	23.37	452	452	0.0453
20	13.89	32.540	6.13	20	13.89	32.540	6.13	24.33	360	360	0.0860
30	7.05	32.180	6.31	30	7.05	32.180	6.31	25.21	276	276	0.1178
50	6.76	32.140	6.31	50	6.76	32.140	6.31	25.22	275	276	0.1731
75	6.66	32.180	6.03	75	6.66	32.180	6.03	25.26	271	272	0.2416
85	6.65	32.260	6.10								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, JUN. 9.1988, 02:55 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 3 , BARO 1006. ,
 AIR TEMP. DRY 17.4, WET , CLOUD. TYPE , AMT , WEATHER

0	17.61	31.990	5.61	0	17.61	31.990	5.61	23.08	479	479	0.0000
10	17.53	31.820	6.02	10	17.53	31.820	6.02	22.97	490	489	0.0484
20	11.30	31.950	6.33	20	11.30	31.950	6.33	24.37	356	356	0.0907
30	9.31	31.970	6.35	30	9.31	31.970	6.35	24.72	323	323	0.1248
50	6.41	32.350	6.24	50	6.41	32.350	6.24	25.43	255	256	0.1827
75	6.41	32.290	6.23	75	6.41	32.290	6.23	25.38	260	260	0.2473
90	6.41	32.280	6.11								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, JUN. 9.1988, 04:00 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 3 , BARO 1006. ,
 AIR TEMP. DRY 17.4, WET , CLOUD. TYPE , AMT , WEATHER

0	17.60	32.180	5.91	0	17.60	32.180	5.91	23.23	465	465	0.0000
10	17.60	32.190	6.32	10	17.60	32.190	6.32	23.24	464	464	0.0464
20	13.61	31.940	6.31	20	13.61	31.940	6.31	23.92	399	399	0.0896
30	10.12	32.180	6.42	30	10.12	32.180	6.42	24.75	320	320	0.1256
50	7.11	32.290	6.22	50	7.11	32.290	6.22	25.29	268	269	0.1846
75	6.72	32.390	6.10	75	6.72	32.390	6.10	25.42	256	257	0.2504
88	6.70	32.370	6.03								

8 月(August)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, AUG. 3.1988, 15:20 KST,
 DEPTH 27 , COLOR 5, TRANS. 8.7, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1009. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	24.41	32.940	5.51	0	24.41	32.940	5.51	21.98	584	584	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	22.82	32.710	5.56	10	22.82	32.710	5.56	22.27	557	557	0.0570
20	20.74	32.590	5.65	20	20.74	32.590	5.65	22.75	511	511	0.1105
25	20.72	32.620	5.75								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, AUG. 3.1988, 16:20 KST,
 DEPTH 57 , COLOR 3, TRANS. 17.9, WAVE NW 1, SWELL NW 1, WIND W 2 , BARO 1009. ,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	24.60	32.190	5.45	0	24.60	32.190	5.45	21.36	644	643	0.0000
10	20.33	32.550	5.66	10	20.33	32.550	5.66	22.83	503	503	0.0573
20	18.39	32.710	5.81	20	18.39	32.710	5.81	23.44	445	445	0.1048
30	17.23	32.730	5.73	30	17.23	32.730	5.73	23.74	416	417	0.1479
55	16.22	32.800	5.60	50	16.42	32.786	5.62	23.97	394	395	0.2293

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, AUG. 3.1988, 17:20 KST,
 DEPTH 71 , COLOR 3, TRANS. 17.2, WAVE NW 1, SWELL NW 1, WIND NE 2 , BARO 1009. ,
 AIR TEMP. DRY 25.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.73	32.230	5.24	0	24.73	32.230	5.24	21.35	645	644	0.0000
10	23.22	32.830	5.34	10	23.22	32.830	5.34	22.25	559	559	0.0602
20	20.79	32.850	5.49	20	20.79	32.850	5.49	22.93	493	493	0.1128
30	19.46	32.890	5.55	30	19.46	32.890	5.55	23.31	457	458	0.1604
50	16.30	32.890	5.55	50	16.30	32.890	5.55	24.07	384	385	0.2448
68	15.68	32.720	5.36								

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, AUG. 3.1988, 18:20 KST,
 DEPTH 72 , COLOR 3, TRANS. 12.8, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1009. ,
 AIR TEMP. DRY 24.6, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	26.14	32.230	5.03	0	26.14	32.230	5.03	20.92	686	685	0.0000
10	23.71	32.290	5.27	10	23.71	32.290	5.27	21.70	611	611	0.0648
20	22.61	32.370	5.57	20	22.61	32.370	5.57	22.07	576	576	0.1243
30	16.27	32.470	5.50	30	16.27	32.470	5.50	23.76	414	415	0.1738
50	11.53	32.680	5.55	50	11.53	32.680	5.55	24.89	306	307	0.2461
70	10.06	32.610	5.37								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, AUG. 3.1988, 19:25 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 2 , BARO 1009. ,
 AIR TEMP. DRY 25.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.20	32.420	5.13	0	25.20	32.420	5.13	21.35	644	644	0.0000
10	21.23	32.520	5.32	10	21.23	32.520	5.32	22.56	528	528	0.0586
20	13.86	32.740	5.53	20	13.86	32.740	5.53	24.49	345	345	0.1023
30	11.21	32.860	5.67	30	11.21	32.860	5.67	25.09	287	288	0.1340
50	8.71	32.690	5.52	50	8.71	32.690	5.52	25.37	261	261	0.1890
80	8.23	32.700	5.33	75	8.31	32.698	5.36	25.44	254	255	0.2537

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, AUG. 3.1988, 20:25 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 2 , BARO 1009. ,
 AIR TEMP. DRY 24.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.92	32.470	5.03	0	24.92	32.470	5.03	21.47	633	632	0.0000
10	22.03	32.460	5.27	10	22.03	32.460	5.27	22.30	554	554	0.0593
20	20.23	32.690	5.54	20	20.23	32.690	5.54	22.96	491	491	0.1116
30	14.12	32.490	5.99	30	14.12	32.490	5.99	24.24	368	369	0.1546
50	9.08	32.550	5.80	50	9.08	32.550	5.80	25.21	276	277	0.2193
75	7.47	32.500	5.55	75	7.47	32.500	5.55	25.41	257	258	0.2863
83	7.22	32.470	5.22								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, AUG. 3.1988, 21:30 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 2 , BARO 1009. ,
 AIR TEMP. DRY 25.3, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.90	32.340	5.09	0	25.90	32.340	5.09	21.08	671	670	0.0000
10	24.91	32.290	5.19	10	24.91	32.290	5.19	21.34	645	645	0.0658
20	20.72	32.340	5.46	20	20.72	32.340	5.46	22.56	528	529	0.1245
30	11.41	32.280	6.00	30	11.41	32.280	6.00	24.60	334	334	0.1677
50	6.99	32.570	5.81	50	6.99	32.570	5.81	25.53	246	246	0.2259
75	6.64	32.490	5.46	75	6.64	32.490	5.46	25.51	248	248	0.2878
90	6.64	32.460	5.11								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, AUG. 3.1988, 22:30 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 2 , BARO 1008. ,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	26.30	32.200	5.25	0	26.30	32.200	5.25	20.85	693	692	0.0000
10	24.88	32.120	5.45	10	24.88	32.120	5.45	21.22	657	657	0.0675

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	13.34	32.810	5.69	20	13.34	32.810	5.69	24.65	330	330	0.1168
30	9.30	32.370	6.03	30	9.30	32.370	6.03	25.03	293	293	0.1480
50	6.74	32.520	5.96	50	6.74	32.520	5.96	25.52	247	247	0.2022
75	6.72	32.440	5.49	75	6.72	32.440	5.49	25.46	252	253	0.2648
88	6.73	32.580	5.14								

10月(October)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, OCT. 8.1988, 17:00 KST,
 DEPTH 27 , COLOR 6, TRANS. 4.5, WAVE W 2, SWELL W 1, WIND W 2 , BARO 1015. ,
 AIR TEMP. DRY 20.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.71	32.720	5.14	0	20.71	32.720	5.14	22.86	501	500	0.0000
10	19.92	32.780	5.24	10	19.92	32.780	5.24	23.11	476	476	0.0488
20	19.29	32.790	4.83	20	19.29	32.790	4.83	23.28	460	460	0.0957
25	17.95	32.930	4.56								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, OCT. 8.1988, 18:10 KST,
 DEPTH 58 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 2 , BARO 1017.5,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.28	32.550	5.37	0	20.28	32.550	5.37	22.84	502	502	0.0000
10	19.80	32.670	5.47	10	19.80	32.670	5.47	23.06	481	481	0.0492
20	19.07	32.630	5.04	20	19.07	32.630	5.04	23.21	467	467	0.0966
30	16.22	32.850	5.03	30	16.22	32.850	5.03	24.06	385	386	0.1393
55	14.82	32.930	5.11	50	15.10	32.914	5.09	24.36	357	358	0.2138

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, OCT. 8.1988, 19:20 KST,
 DEPTH 70 , COLOR , TRANS. , WAVE S 2, SWELL S 1, WIND S 2 , BARO 1017.5,
 AIR TEMP. DRY 18.5, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.34	32.930	5.40	0	19.34	32.930	5.40	23.37	451	451	0.0000
10	19.32	32.940	5.50	10	19.32	32.940	5.50	23.38	450	450	0.0450
20	19.01	33.040	5.03	20	19.01	33.040	5.03	23.54	435	436	0.0894
30	16.51	32.990	4.83	30	16.51	32.990	4.83	24.10	381	382	0.1303
50	14.02	32.870	5.03	50	14.02	32.870	5.03	24.55	338	339	0.2025
68	12.78	32.830	4.94								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, OCT. 8.1988, 20:30 KST,
 DEPTH 72 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1017. ,
 ATR TEMP. DRY 18.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	19.38	32.950	5.33	0	19.38	32.950	5.33	23.38	451	450	0.0000
10	19.09	32.900	5.39	10	19.09	32.900	5.39	23.41	447	447	0.0449
20	18.98	32.950	5.11	20	18.98	32.950	5.11	23.48	441	441	0.0894
30	15.90	32.970	4.78	30	15.90	32.970	4.78	24.23	370	370	0.1300
50	11.61	32.810	4.88	50	11.61	32.810	4.88	24.98	298	299	0.1970
70	10.10	32.790	4.91								

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, OCT. 8.1988, 21:40 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1017. ,
 ATR TEMP. DRY 18.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	19.71	32.860	5.12	0	19.71	32.860	5.12	23.22	465	465	0.0000
10	19.29	32.910	5.06	10	19.29	32.910	5.06	23.37	451	451	0.0458
20	19.01	32.930	5.26	20	19.01	32.930	5.26	23.46	443	444	0.0906
30	18.76	32.950	4.94	30	18.76	32.950	4.94	23.53	436	436	0.1347
50	10.01	32.740	5.02	50	10.01	32.740	5.02	25.20	277	277	0.2061
75	8.25	32.730	5.15	75	8.25	32.730	5.15	25.47	251	252	0.2724
80	8.20	32.730	5.10								

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, OCT. 8.1988, 22:55 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1017. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.36	32.500	4.96	0	20.36	32.500	4.96	22.78	508	507	0.0000
10	20.34	32.550	5.14	10	20.34	32.550	5.14	22.82	504	504	0.0505
20	20.03	32.690	5.22	20	20.03	32.690	5.22	23.01	486	486	0.1001
30	12.71	32.590	5.39	30	12.71	32.590	5.39	24.60	334	334	0.1411
50	7.31	32.560	5.33	50	7.31	32.560	5.33	25.47	251	251	0.1998
75	7.27	32.560	5.39	75	7.27	32.560	5.39	25.48	250	251	0.2627
85	7.21	32.510	5.11								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, OCT. 9.1988, 00:05 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 2 , BARO 1017. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.61	32.430	5.20	0	20.61	32.430	5.20	22.66	519	519	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	20.38	32.770	5.35	10	20.38	32.770	5.35	22.98	489	489	0.0504
20	19.82	32.880	5.24	20	19.82	32.880	5.24	23.21	467	467	0.0982
30	12.46	32.930	4.94	30	12.46	32.930	4.94	24.91	304	305	0.1368
50	6.99	32.640	4.93	50	6.99	32.640	4.93	25.58	241	241	0.1915
75	6.99	32.660	4.96	75	6.99	32.660	4.96	25.60	239	240	0.2518
90	7.01	32.570	5.02								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, OCT. 9.1988, 01:20 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1017. ,
 AIR TEMP. DRY 18.9, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	20.60	32.380	5.01	0	20.60	32.380	5.01	22.63	522	522	0.0000
10	20.49	32.540	4.95	10	20.49	32.540	4.95	22.78	508	508	0.0515
20	20.08	32.730	5.00	20	20.08	32.730	5.00	23.03	484	484	0.1012
30	18.08	32.920	4.83	30	18.08	32.920	4.83	23.68	422	423	0.1466
50	8.04	32.790	5.06	50	8.04	32.790	5.06	25.55	244	244	0.2133
75	8.02	32.780	5.12	75	8.02	32.780	5.12	25.55	244	245	0.2746
88	7.95	32.780	5.00								

12月(December)

JEONBUK 868 , STATION 310-03 , 35-20.1. N, 125-49.3. E, DEC.18.1988, 08:10 KST,
 DEPTH 27 , COLOR 6, TRANS. 3.0, WAVE W 1, SWELL W 1, WIND W 2 , BARO 1032. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	9.53	32.690	5.73	0	9.53	32.690	5.73	25.24	273	272	0.0000
10	9.54	32.710	5.81	10	9.54	32.710	5.81	25.26	271	271	0.0272
20	9.49	32.800	5.74	20	9.49	32.800	5.74	25.34	264	264	0.0540
25	9.49	32.820	5.82								

JEONBUK 868 , STATION 310-04 , 35-20.1. N, 125-36.5. E, DEC.18.1988, 09:20 KST,
 DEPTH 58 , COLOR 5, TRANS. 7.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1032. ,
 ATR TEMP. DRY 7.3, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	10.29	32.750	5.73	0	10.29	32.750	5.73	25.16	280	280	0.0000
10	10.48	32.750	5.93	10	10.48	32.750	5.93	25.13	283	283	0.0282
20	10.45	32.790	5.50	20	10.45	32.790	5.50	25.17	280	280	0.0564
30	10.50	32.780	5.35	30	10.50	32.780	5.35	25.15	282	282	0.0845
55	10.46	32.860	5.29	50	10.46	32.844	5.30	25.21	276	277	0.1405

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 310-05 , 35-20.1. N, 125-24.4. E, DEC.18.1988, 10:30 KST,
 DEPTH 72 , COLOR 5, TRANS. 7.5, WAVE W 1, SWELL W 1, WIND W 2 , BARO 1032. ,
 ATR TEMP. DRY 7.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	10.19	32.910	5.72	0	10.19	32.910	5.72	25.31	267	267	0.0000
10	10.29	32.870	5.70	10	10.29	32.870	5.70	25.26	271	271	0.0269
20	10.28	32.850	6.02	20	10.28	32.850	6.02	25.24	273	273	0.0542
30	10.29	32.850	5.93	30	10.29	32.850	5.93	25.24	273	273	0.0815
50	10.27	32.900	5.81	50	10.27	32.900	5.81	25.28	269	270	0.1359
70	10.27	32.930	5.85								

JEONBUK 868 , STATION 310-06 , 35-20.1. N, 125-12.1. E, DEC.18.1988, 11:40 KST,
 DEPTH 73 , COLOR 4, TRANS. 9.0, WAVE W 2, SWELL W 1, WIND W 3 , BARO 1030. ,
 ATR TEMP. DRY 7.4, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	10.23	32.890	5.80	0	10.23	32.890	5.80	25.28	269	269	0.0000
10	10.24	32.880	5.92	10	10.24	32.880	5.92	25.27	270	270	0.0269
20	10.21	32.800	5.69	20	10.21	32.800	5.69	25.22	275	275	0.0542
30	10.25	32.850	5.76	30	10.25	32.850	5.76	25.25	272	273	0.0817
50	10.34	32.900	5.77	50	10.34	32.900	5.77	25.27	270	271	0.1361
70	10.40	32.980	5.55								

JEONBUK 868 , STATION 310-07 , 35-20.1. N, 125-00.0. E, DEC.18.1988, 12:55 KST,
 DEPTH 82 , COLOR 4, TRANS. 8.5, WAVE W 2, SWELL W 1, WIND SW 3 , BARO 1029. ,
 ATR TEMP. DRY 7.8, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	9.96	32.930	5.39	0	9.96	32.930	5.39	25.36	262	261	0.0000
10	10.04	32.860	5.94	10	10.04	32.860	5.94	25.29	268	268	0.0265
20	10.01	32.890	5.50	20	10.01	32.890	5.50	25.32	265	266	0.0532
30	10.03	32.770	5.87	30	10.03	32.770	5.87	25.22	275	275	0.0803
50	10.10	32.600	5.93	50	10.10	32.600	5.93	25.08	288	289	0.1368
75	10.11	32.890	5.81	75	10.11	32.890	5.81	25.30	267	268	0.2066
80	10.10	33.000	5.93								

JEONBUK 868 , STATION 310-08 , 35-20.1. N, 124-47.9. E, DEC.18.1988, 14:05 KST,
 DEPTH 87 , COLOR 4, TRANS. 10.0, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1029. ,
 AIR TEMP. DRY 7.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	9.61	32.910	6.17	0	9.61	32.910	6.17	25.40	258	257	0.0000
10	9.67	32.900	6.15	10	9.67	32.900	6.15	25.38	259	259	0.0258

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	9.69	33.040	6.02	20	9.69	33.040	6.02	25.49	249	249	0.0513
30	9.84	32.970	6.18	30	9.84	32.970	6.18	25.41	257	257	0.0767
50	9.89	32.970	6.19	50	9.89	32.970	6.19	25.40	258	258	0.1283
75	9.92	32.990	6.03	75	9.92	32.990	6.03	25.41	257	258	0.1930
85	10.00	32.910	6.02								

JEONBUK 868 , STATION 310-09 , 35-20.1. N, 124-35.6. E, DEC.18.1988, 15:20 KST,
 DEPTH 90 , COLOR 4, TRANS. 8.0, WAVE SW 2, SWELL SW 1, WIND SW 2 , BARO 1028.5,
 AIR TEMP. DRY 7.6, WET , CLOUD. TYPE AS, AMT 09, WEATHER R

0	10.32	32.980	5.99	0	10.32	32.980	5.99	25.34	264	263	0.0000
10	10.53	32.830	6.11	10	10.53	32.830	6.11	25.19	278	278	0.0271
20	10.52	32.970	5.61	20	10.52	32.970	5.61	25.30	268	268	0.0544
30	10.59	33.090	5.17	30	10.59	33.090	5.17	25.38	260	260	0.0809
50	10.56	33.130	4.67	50	10.56	33.130	4.67	25.41	257	257	0.1328
75	10.58	33.180	5.92	75	10.58	33.180	5.92	25.45	253	254	0.1969
88	10.57	33.140	6.01								

JEONBUK 868 , STATION 310-10 , 35-20.1. N, 124-23.5. E, DEC.18.1988, 16:30 KST,
 DEPTH 90 , COLOR 4, TRANS. 8.5, WAVE SW 2, SWELL SW 1, WIND SW 3 , BARO 1028. ,
 AIR TEMP. DRY 5.7, WET , CLOUD. TYPE AS, AMT 10, WEATHER R

0	10.34	33.090	5.45	0	10.34	33.090	5.45	25.42	256	256	0.0000
10	10.40	33.070	5.72	10	10.40	33.070	5.72	25.39	258	258	0.0257
20	10.39	32.900	5.89	20	10.39	32.900	5.89	25.26	271	271	0.0522
30	10.41	33.130	5.92	30	10.41	33.130	5.92	25.44	254	254	0.0785
50	10.22	33.110	5.80	50	10.22	33.110	5.80	25.46	253	253	0.1294
75	10.19	33.100	5.56	75	10.19	33.100	5.56	25.45	253	254	0.1929
88	10.13	33.130	5.05								

311 線 海洋觀測 成績 Oceanographic Data. Line 311

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, FEB.13.1988, 09:25 KST,
 DEPTH 34 , COLOR , TRANS. 8.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1029. ,
 AIR TEMP. DRY 5.1, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	6.07	32.825	6.88	0	6.07	32.825	6.88	25.84	216	215	0.0000
10	6.09	32.770	6.98	10	6.09	32.770	6.98	25.80	220	220	0.0218
20	6.21	32.744	7.00	20	6.21	32.744	7.00	25.76	223	223	0.0440
32	6.02	32.833	7.07	30	6.05	32.818	7.05	25.84	216	216	0.0660

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, FEB.13.1988, 07:50 KST,
 DEPTH 75 , COLOR , TRANS. 8.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1029. ,
 AIR TEMP. DRY 5.2, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	7.30	32.965	6.98	0	7.30	32.965	6.98	25.79	221	220	0.0000
10	7.32	32.906	6.87	10	7.32	32.906	6.87	25.74	225	225	0.0223
20	7.30	32.887	6.80	20	7.30	32.887	6.80	25.73	226	226	0.0449
30	7.29	32.930	6.81	30	7.29	32.930	6.81	25.77	223	223	0.0674
50	7.30	32.894	7.00	50	7.30	32.894	7.00	25.74	226	226	0.1124
73	7.31	32.926	6.81								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, FEB.13.1988, 06:20 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1030. ,
 AIR TEMP. DRY 5.5, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	7.24	32.829	6.88	0	7.24	32.829	6.88	25.70	230	230	0.0000
10	7.38	32.814	6.90	10	7.38	32.814	6.90	25.66	233	233	0.0231
20	7.35	32.803	6.83	20	7.35	32.803	6.83	25.66	233	233	0.0465
30	7.28	32.856	6.83	30	7.28	32.856	6.83	25.71	228	229	0.0696
50	7.26	32.810	6.97	50	7.26	32.810	6.97	25.68	232	232	0.1157
75	7.33	32.798	6.88	75	7.33	32.798	6.88	25.66	233	234	0.1741
88	7.32	32.880	6.81								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, FEB.13.1988, 04:05 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1030. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE AS, AMT 04, WEATHER BC

0	7.75	32.849	6.94	0	7.75	32.849	6.94	25.64	235	235	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	7.77	32.887	6.92	10	7.77	32.887	6.92	25.67	233	232	0.0234
20	7.82	33.000	6.82	20	7.82	33.000	6.82	25.75	225	225	0.0463
30	7.80	33.058	6.78	30	7.80	33.058	6.78	25.80	220	220	0.0686
50	7.78	33.066	6.86	50	7.78	33.066	6.86	25.81	219	220	0.1127
75	7.76	33.042	6.87	75	7.76	33.042	6.87	25.79	221	222	0.1681
88	7.72	32.930	6.81								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, FEB.13.1988, 02:35 KST,
 DEPTH 95 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1030.5,
 AIR TEMP. DRY 6.4, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	8.09	32.884	6.83	0	8.09	32.884	6.83	25.62	237	237	0.0000
10	8.14	32.887	6.81	10	8.14	32.887	6.81	25.61	238	238	0.0237
20	8.07	32.868	6.88	20	8.07	32.868	6.88	25.61	238	238	0.0476
30	8.07	32.880	6.76	30	8.07	32.880	6.76	25.62	237	237	0.0714
50	8.06	32.833	6.68	50	8.06	32.833	6.68	25.58	241	241	0.1194
75	8.02	32.853	6.80	75	8.02	32.853	6.80	25.60	239	239	0.1795
91	7.98	32.876	6.83								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, FEB.13.1988, 01:00 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1027.5,
 AIR TEMP. DRY 6.8, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	8.05	32.891	6.80	0	8.05	32.891	6.80	25.63	236	236	0.0000
10	8.20	32.981	6.78	10	8.20	32.981	6.78	25.68	232	231	0.0234
20	8.26	32.970	6.76	20	8.26	32.970	6.76	25.66	233	233	0.0467
30	8.14	32.965	6.89	30	8.14	32.965	6.89	25.67	232	232	0.0700
50	8.10	32.984	6.79	50	8.10	32.984	6.79	25.69	230	230	0.1163
75	8.20	32.965	6.77	75	8.20	32.965	6.77	25.66	233	234	0.1745
85	8.15	32.973	6.68								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, FEB.12.1988, 23:30 KST,
 DEPTH 85 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1028. ,
 AIR TEMP. DRY 6.6, WET , CLOUD. TYPE AS, AMT 06, WEATHER BC

0	8.21	32.946	6.58	0	8.21	32.946	6.58	25.65	234	234	0.0000
10	8.41	32.953	6.88	10	8.41	32.953	6.88	25.62	237	237	0.0235
20	8.34	32.946	6.78	20	8.34	32.946	6.78	25.63	236	236	0.0472
30	8.35	32.901	6.78	30	8.35	32.901	6.78	25.59	240	240	0.0711
50	8.31	33.041	6.60	50	8.31	33.041	6.60	25.71	229	229	0.1181
75	8.31	33.019	6.60	75	8.31	33.019	6.60	25.69	230	231	0.1757
82	8.31	33.062	6.53								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

4 月 (April)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, APR. 9.1988, 09:25 KST,
 DEPTH 34 , COLOR 5, TRANS. 1.8, WAVE NW 1, SWELL NW 1, WIND SW 2 , BARO 1031.5,
 AIR TEMP. DRY 8.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	6.88	32.724	6.86	0	6.88	32.724	6.86	25.66	233	233	0.0000
10	6.69	32.759	7.02	10	6.69	32.759	7.02	25.71	228	228	0.0230
20	6.61	32.831	6.40	20	6.61	32.831	6.40	25.78	222	222	0.0456
32	6.45	32.756	6.08	30	6.47	32.768	6.13	25.75	225	225	0.0679

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, APR. 9.1988, 07:50 KST,
 DEPTH 75 , COLOR 5, TRANS. 1.8, WAVE NW 1, SWELL NW 1, WIND SW 2 , BARO 1031.5,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	6.72	32.944	6.83	0	6.72	32.944	6.83	25.86	215	214	0.0000
10	6.67	32.953	6.83	10	6.67	32.953	6.83	25.87	213	213	0.0214
20	6.66	32.794	6.79	20	6.66	32.794	6.79	25.75	225	225	0.0433
30	6.67	32.737	6.57	30	6.67	32.737	6.57	25.70	230	230	0.0661
50	6.66	32.823	6.58	50	6.66	32.823	6.58	25.77	223	223	0.1115
73	6.64	32.763	6.43								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, APR. 9.1988, 06:20 KST,
 DEPTH 90 , COLOR 5, TRANS. 2.0, WAVE NW 1, SWELL NW 1, WIND SW 2 , BARO 1030. ,
 AIR TEMP. DRY 6.9, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	6.85	32.924	6.82	0	6.85	32.924	6.82	25.82	218	217	0.0000
10	6.89	32.922	6.90	10	6.89	32.922	6.90	25.82	218	218	0.0218
20	6.90	33.051	6.71	20	6.90	33.051	6.71	25.92	209	209	0.0432
30	6.90	32.938	6.58	30	6.90	32.938	6.58	25.83	217	217	0.0646
50	6.89	32.756	6.57	50	6.89	32.756	6.57	25.68	231	231	0.1095
75	6.86	32.792	6.42	75	6.86	32.792	6.42	25.72	228	228	0.1671
88	6.84	32.711	6.41								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, APR. 9.1988, 04:05 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND SW 2 , BARO 1029. ,
 AIR TEMP. DRY 6.3, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	7.42	32.810	7.00	0	7.42	32.810	7.00	25.66	234	233	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	7.19	32.736	6.98	10	7.19	32.736	6.98	25.63	236	236	0.0235
20	7.02	32.754	7.08	20	7.02	32.754	7.08	25.67	233	233	0.0470
30	6.56	32.904	6.78	30	6.56	32.904	6.78	25.84	216	216	0.0694
50	6.49	33.048	6.68	50	6.49	33.048	6.68	25.97	204	204	0.1115
75	7.38	32.729	6.46	75	7.38	32.729	6.46	25.60	239	240	0.1672
88	6.52	32.709	6.42								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, APR. 9.1988, 02:35 KST,
 DEPTH 93 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1028.5,
 AIR TEMP. DRY 7.2, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	8.06	32.826	7.09	0	8.06	32.826	7.09	25.58	241	241	0.0000
10	7.82	32.895	6.97	10	7.82	32.895	6.97	25.67	233	233	0.0237
20	7.79	32.747	6.79	20	7.79	32.747	6.79	25.55	243	243	0.0475
30	7.63	33.002	6.83	30	7.63	33.002	6.83	25.78	222	222	0.0708
50	7.29	33.078	6.79	50	7.29	33.078	6.79	25.88	212	212	0.1144
75	7.40	32.905	6.70	75	7.40	32.905	6.70	25.73	226	227	0.1695
91	7.24	32.969	6.69								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, APR. 9.1988, 01:00 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1028. ,
 AIR TEMP. DRY 7.6, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	8.30	32.788	7.05	0	8.30	32.788	7.05	25.51	247	247	0.0000
10	8.05	32.811	7.16	10	8.05	32.811	7.16	25.57	242	242	0.0245
20	7.90	32.703	7.22	20	7.90	32.703	7.22	25.50	248	248	0.0490
30	7.80	32.953	6.95	30	7.80	32.953	6.95	25.71	228	228	0.0729
50	7.36	32.756	6.88	50	7.36	32.756	6.88	25.62	237	237	0.1195
75	7.39	32.841	6.57	75	7.39	32.841	6.57	25.68	231	232	0.1783
86	7.35	32.784	6.46								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, APR. 8.1988, 23:30 KST,
 DEPTH 82 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1027. ,
 AIR TEMP. DRY 7.9, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	8.80	32.872	6.99	0	8.80	32.872	6.99	25.50	248	248	0.0000
10	8.20	32.810	7.11	10	8.20	32.810	7.11	25.54	244	244	0.0246
20	8.14	32.780	6.99	20	8.14	32.780	6.99	25.53	246	246	0.0492
30	8.13	32.968	6.80	30	8.13	32.968	6.80	25.68	232	232	0.0731
50	8.00	32.977	6.58	50	8.00	32.977	6.58	25.70	229	230	0.1193
75	7.40	32.981	6.46	75	7.40	32.981	6.46	25.79	221	221	0.1758
80	8.00	33.025	6.42								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

6 月(June)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, JUN. 9.1988, 13:55 KST,
 DEPTH 34 , COLOR 6, TRANS. 4.3, WAVE E 1, SWELL E 1, WIND E 1 , BARO 1008. ,
 AIR TEMP. DRY 13.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	15.45	32.510	6.18	0	15.45	32.510	6.18	23.97	394	394	0.0000
10	13.55	32.580	6.06	10	13.55	32.580	6.06	24.43	351	350	0.0372
20	12.52	32.580	5.67	20	12.52	32.580	5.67	24.63	331	331	0.0713
32	12.11	32.560	5.39	30	12.17	32.563	5.43	24.68	326	327	0.1043

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, JUN. 9.1988, 12:50 KST,
 DEPTH 75 , COLOR 5, TRANS. 7.0, WAVE E 1, SWELL E 1, WIND E 1 , BARO 1008. ,
 AIR TEMP. DRY 13.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	12.60	32.560	6.12	0	12.60	32.560	6.12	24.60	334	334	0.0000
10	12.33	32.580	5.88	10	12.33	32.580	5.88	24.67	328	328	0.0331
20	11.06	32.570	5.79	20	11.06	32.570	5.79	24.89	306	306	0.0648
30	10.94	32.540	5.69	30	10.94	32.540	5.69	24.89	307	307	0.0956
50	10.77	32.550	6.18	50	10.77	32.550	6.18	24.93	303	304	0.1567
73	10.79	32.540	6.07								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, JUN. 9.1988, 11:50 KST,
 DEPTH 90 , COLOR 4, TRANS. 11.5, WAVE SE 1, SWELL SE 1, WIND E 1 , BARO 1008. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER F

0	15.93	32.430	5.89	0	15.93	32.430	5.89	23.81	410	410	0.0000
10	12.36	32.570	6.08	10	12.36	32.570	6.08	24.65	329	329	0.0369
20	11.64	32.640	5.72	20	11.64	32.640	5.72	24.84	311	311	0.0690
30	11.36	32.690	5.64	30	11.36	32.690	5.64	24.93	303	303	0.0997
50	10.40	32.700	6.11	50	10.40	32.700	6.11	25.11	286	286	0.1588
75	10.00	32.660	6.23	75	10.00	32.660	6.23	25.14	282	283	0.2302
88	9.43	32.610	6.04								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, JUN. 9.1988, 10:15 KST,
 DEPTH 90 , COLOR 3, TRANS. 15.0, WAVE S 2, SWELL S 1, WIND SE 3 , BARO 1008. ,
 AIR TEMP. DRY 18.1, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	18.01	32.400	5.69	0	18.01	32.400	5.69	23.30	458	458	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	17.73	32.250	5.86	10	17.73	32.250	5.86	23.25	463	463	0.0460
20	13.09	32.320	5.60	20	13.09	32.320	5.60	24.32	361	361	0.0873
30	11.64	32.580	5.81	30	11.64	32.580	5.81	24.79	316	316	0.1212
50	7.36	32.670	6.24	50	7.36	32.670	6.24	25.55	243	244	0.1772
75	7.29	32.460	6.02	75	7.29	32.460	6.02	25.40	258	259	0.2402
88	7.23	32.380	6.04								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, JUN. 9.1988, 09:15 KST,
 DEPTH 85 , COLOR 3, TRANS. 18.0, WAVE S 2, SWELL S 1, WIND SSE 2 , BARO 1008. ,
 AIR TEMP. DRY 18.3, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	17.74	32.350	5.53	0	17.74	32.350	5.53	23.33	456	455	0.0000
10	17.61	32.310	5.42	10	17.61	32.310	5.42	23.33	456	456	0.0455
20	15.15	32.580	5.44	20	15.15	32.580	5.44	24.09	382	383	0.0875
30	10.41	32.200	5.90	30	10.41	32.200	5.90	24.72	323	323	0.1229
50	7.21	32.290	6.13	50	7.21	32.290	6.13	25.28	270	270	0.1823
75	7.15	32.440	5.63	75	7.15	32.440	5.63	25.40	258	258	0.2485
83	7.09	32.460	5.57								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, JUN. 9.1988, 08:10 KST,
 DEPTH 90 , COLOR 3, TRANS. 18.0, WAVE S 2, SWELL S 1, WIND SW 2 , BARO 1008. ,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	17.59	32.240	5.60	0	17.59	32.240	5.60	23.28	460	460	0.0000
10	17.45	32.320	5.45	10	17.45	32.320	5.45	23.37	451	451	0.0456
20	14.57	32.370	5.68	20	14.57	32.370	5.68	24.06	386	386	0.0875
30	10.24	32.240	6.03	30	10.24	32.240	6.03	24.78	317	318	0.1227
50	7.12	32.450	6.09	50	7.12	32.450	6.09	25.41	257	257	0.1803
75	6.97	32.390	5.61	75	6.97	32.390	5.61	25.39	259	260	0.2450
88	6.96	32.350	5.69								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, JUN. 9.1988, 07:10 KST,
 DEPTH 83 , COLOR 3, TRANS. 18.5, WAVE S 2, SWELL S 1, WIND SW 2 , BARO 1007. ,
 AIR TEMP. DRY 17.8, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	17.43	32.420	5.93	0	17.43	32.420	5.93	23.45	444	443	0.0000
10	17.40	32.370	5.72	10	17.40	32.370	5.72	23.42	446	446	0.0445
20	15.86	32.330	5.88	20	15.86	32.330	5.88	23.74	416	416	0.0876
30	11.21	32.340	6.04	30	11.21	32.340	6.04	24.69	326	326	0.1248
50	7.20	32.430	6.09	50	7.20	32.430	6.09	25.39	259	260	0.1835
75	7.16	32.180	5.70	75	7.16	32.180	5.70	25.20	277	278	0.2508

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8 月(August)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, AUG. 4.1988, 08:25 KST,
 DEPTH 34 , COLOR 4, TRANS. 9.6, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1008. ,
 AIR TEMP. DRY 24.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	23.68	33.130	4.95	0	23.68	33.130	4.95	22.34	550	550	0.0000
10	22.05	33.040	5.13	10	22.05	33.040	5.13	22.73	512	512	0.0531
20	21.08	33.060	5.17	20	21.08	33.060	5.17	23.01	485	486	0.1030
30	19.71	32.970	5.09	30	19.71	32.970	5.09	23.31	457	458	0.1503

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, AUG. 4.1988, 07:25 KST,
 DEPTH 75 , COLOR 4, TRANS. 9.0, WAVE W 1, SWELL W 1, WIND NW 1 , BARO 1008. ,
 AIR TEMP. DRY 23.7, WET , CLOUD. TYPE , AMT , WEATHER F

0	23.42	33.010	4.64	0	23.42	33.010	4.64	22.32	551	551	0.0000
10	20.46	32.850	4.82	10	20.46	32.850	4.82	23.02	485	485	0.0518
20	19.64	32.650	5.08	20	19.64	32.650	5.08	23.08	479	479	0.1000
30	19.55	32.790	4.70	30	19.55	32.790	4.70	23.21	467	467	0.1474
50	19.46	32.710	4.75	50	19.46	32.710	4.75	23.17	470	471	0.2413
73	19.23	32.660	4.99								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, AUG. 4.1988, 06:20 KST,
 DEPTH 90 , COLOR 6, TRANS. 4.5, WAVE W 1, SWELL W 1, WIND W 1 , BARO 1008. ,
 AIR TEMP. DRY 22.3, WET , CLOUD. TYPE , AMT , WEATHER F

0	20.42	32.740	4.43	0	20.42	32.740	4.43	22.95	492	491	0.0000
10	19.26	32.650	4.50	10	19.26	32.650	4.50	23.18	470	470	0.0481
20	19.21	32.630	4.84	20	19.21	32.630	4.84	23.18	470	470	0.0951
30	19.08	32.840	4.86	30	19.08	32.840	4.86	23.37	451	452	0.1413
50	18.26	32.850	4.93	50	18.26	32.850	4.93	23.58	431	432	0.2298
75	15.54	32.880	4.92	75	15.54	32.880	4.92	24.24	369	370	0.3303
88	14.14	32.860	4.87								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, AUG. 4.1988, 04:50 KST,
 DEPTH 90 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 1 , BARO 1008. ,
 AIR TEMP. DRY 26.0, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	25.33	32.180	4.19	0	25.33	32.180	4.19	21.13	665	665	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	25.12	32.120	4.33	10	25.12	32.120	4.33	21.15	664	664	0.0664
20	22.33	32.180	5.06	20	22.33	32.180	5.06	22.01	582	582	0.1288
30	13.77	32.390	5.30	30	13.77	32.390	5.30	24.24	369	369	0.1764
50	8.10	32.540	5.34	50	8.10	32.540	5.34	25.35	263	263	0.2398
75	7.34	32.600	5.18	75	7.34	32.600	5.18	25.50	248	249	0.3040
88	7.20	32.610	5.05								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, AUG. 4.1988, 03:45 KST,
 DEPTH 93 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND E 4 , BARO 1008. ,
 AIR TEMP. DRY 24.8, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	25.24	32.270	4.07	0	25.24	32.270	4.07	21.23	656	656	0.0000
10	25.23	32.270	4.60	10	25.23	32.270	4.60	21.23	656	656	0.0656
20	21.50	32.280	5.28	20	21.50	32.280	5.28	22.31	553	553	0.1261
30	12.12	32.500	5.77	30	12.12	32.500	5.77	24.64	330	330	0.1703
50	7.61	32.550	5.35	50	7.61	32.550	5.35	25.42	256	256	0.2291
75	7.55	32.530	5.24	75	7.55	32.530	5.24	25.42	256	257	0.2933
91	7.23	32.750	4.76								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, AUG. 4.1988, 02:45 KST,
 DEPTH 88 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 2 , BARO 1008. ,
 AIR TEMP. DRY 25.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	26.10	32.340	4.69	0	26.10	32.340	4.69	21.02	677	676	0.0000
10	24.90	32.430	4.72	10	24.90	32.430	4.72	21.45	635	635	0.0656
20	24.22	32.230	5.10	20	24.22	32.230	5.10	21.50	630	630	0.1289
30	11.34	32.350	5.78	30	11.34	32.350	5.78	24.67	327	328	0.1768
50	7.63	32.810	5.43	50	7.63	32.810	5.43	25.63	236	237	0.2334
75	7.76	32.750	5.18	75	7.76	32.750	5.18	25.56	243	244	0.2936
86	7.72	32.710	5.08								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, AUG. 4.1988, 01:40 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 2 , BARO 1009. ,
 AIR TEMP. DRY 24.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.93	32.310	4.76	0	25.93	32.310	4.76	21.05	674	673	0.0000
10	25.13	32.380	4.90	10	25.13	32.380	4.90	21.34	645	645	0.0659
20	20.86	32.480	5.31	20	20.86	32.480	5.31	22.63	522	522	0.1243
30	11.82	32.470	5.80	30	11.82	32.470	5.80	24.68	327	327	0.1669
50	8.64	32.770	5.56	50	8.64	32.770	5.56	25.45	254	254	0.2251
75	8.16	32.780	5.14	75	8.16	32.780	5.14	25.53	246	247	0.2878
82	8.14	32.810	5.00								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

10月(October)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, OCT. 9.1988, 12:45 KST,
 DEPTH 35 , COLOR 5, TRANS. 5.2, WAVE E 2, SWELL E 1, WIND SE 3 , BARO 1023. ,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.81	32.940	5.36	0	19.81	32.940	5.36	23.26	462	462	0.0000
10	19.52	32.960	5.30	10	19.52	32.960	5.30	23.35	453	453	0.0458
20	18.98	32.930	5.20	20	18.98	32.930	5.20	23.46	443	443	0.0906
32	17.68	32.970	5.09	30	17.89	32.963	5.10	23.76	415	415	0.1336

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, OCT. 9.1988, 11:30 KST,
 DEPTH 75 , COLOR 4, TRANS. 14.7, WAVE E 2, SWELL E 1, WIND E 2 , BARO 1023. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	19.46	33.010	5.26	0	19.46	33.010	5.26	23.40	448	448	0.0000
10	18.87	33.010	5.14	10	18.87	33.010	5.14	23.55	434	434	0.0441
20	18.02	33.160	5.15	20	18.02	33.160	5.15	23.88	403	403	0.0860
30	17.89	33.020	5.13	30	17.89	33.020	5.13	23.80	410	411	0.1268
50	17.84	33.030	5.13	50	17.84	33.030	5.13	23.82	408	410	0.2089
73	17.73	33.000	5.24								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, OCT. 9.1988, 10:20 KST,
 DEPTH 90 , COLOR 3, TRANS. 23.5, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1023. ,
 AIR TEMP. DRY 20.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.07	33.110	4.91	0	20.07	33.110	4.91	23.32	456	456	0.0000
10	19.75	33.390	4.94	10	19.75	33.390	4.94	23.62	428	428	0.0442
20	18.49	33.360	4.95	20	18.49	33.360	4.95	23.91	400	400	0.0856
30	18.30	33.370	5.04	30	18.30	33.370	5.04	23.97	394	395	0.1254
50	17.29	33.330	5.10	50	17.29	33.330	5.10	24.18	374	375	0.2025
75	14.46	33.170	4.97	75	14.46	33.170	4.97	24.69	325	327	0.2904
88	13.43	33.100	5.00								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, OCT. 9.1988, 08:35 KST,
 DEPTH 90 , COLOR 3, TRANS. 19.0, WAVE S 2, SWELL S 1, WIND S 2 , BARO 1023.5,
 AIR TEMP. DRY 20.3, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.20	33.090	5.18	0	20.20	33.090	5.18	23.27	461	461	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	20.21	33.100	4.95	10	20.21	33.100	4.95	23.28	460	460	0.0460
20	17.98	33.170	4.83	20	17.98	33.170	4.83	23.89	401	402	0.0892
30	16.08	33.200	4.92	30	16.08	33.200	4.92	24.36	357	357	0.1272
50	15.15	33.270	5.02	50	15.15	33.270	5.02	24.62	332	333	0.1963
75	10.99	33.230	4.70	75	10.99	33.230	4.70	25.42	256	258	0.2703
88	10.92	33.120	4.56								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, OCT. 9.1988, 07:25 KST,
 DEPTH 93 , COLOR 3, TRANS. 17.8, WAVE S 1, SWELL S 1, WIND S 2 , BARO 1022. ,
 ATR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.77	32.790	5.03	0	20.77	32.790	5.03	22.89	497	497	0.0000
10	20.77	33.070	5.13	10	20.77	33.070	5.13	23.11	477	477	0.0487
20	20.76	33.120	5.01	20	20.76	33.120	5.01	23.15	473	473	0.0962
30	16.61	33.190	4.98	30	16.61	33.190	4.98	24.23	369	370	0.1384
50	13.13	33.180	5.04	50	13.13	33.180	5.04	24.97	298	299	0.2054
75	9.86	33.030	5.08	75	9.86	33.030	5.08	25.45	253	254	0.2747
91	9.80	33.180	4.85								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, OCT. 9.1988, 06:10 KST,
 DEPTH 89 , COLOR , TRANS. , WAVE S 1, SWELL S 1, WIND S 1 , BARO 1022. ,
 ATR TEMP. DRY 19.0, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	20.89	32.810	5.20	0	20.89	32.810	5.20	22.88	499	498	0.0000
10	20.89	32.820	5.18	10	20.89	32.820	5.18	22.88	498	498	0.0498
20	20.89	32.830	5.20	20	20.89	32.830	5.20	22.89	497	497	0.0996
30	20.80	32.870	5.24	30	20.80	32.870	5.24	22.95	492	493	0.1492
50	10.29	32.960	4.90	50	10.29	32.960	4.90	25.33	265	265	0.2251
75	9.50	33.060	4.86	75	9.50	33.060	4.86	25.54	245	246	0.2891
87	9.43	33.120	5.07								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, OCT. 9.1988, 05:00 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1020. ,
 ATR TEMP. DRY 18.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	20.74	32.880	5.16	0	20.74	32.880	5.16	22.97	490	489	0.0000
10	20.73	32.890	5.30	10	20.73	32.890	5.30	22.98	489	489	0.0489
20	20.71	32.930	5.37	20	20.71	32.930	5.37	23.01	485	486	0.0977
30	18.01	33.070	5.37	30	18.01	33.070	5.37	23.81	409	410	0.1425
50	12.04	33.130	5.13	50	12.04	33.130	5.13	25.15	282	283	0.2119
75	9.10	33.090	5.03	75	9.10	33.090	5.03	25.62	237	238	0.2771
82	9.14	33.120	5.00								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

JEONBUK 868 , STATION 311-04 , 34-43.0. N, 125-43.9. E, DEC.19.1988, 03:55 KST,
 DEPTH 34 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1024. ,
 AIR TEMP. DRY 10.7, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.21	33.140	6.05	0	11.21	33.140	6.05	25.31	267	267	0.0000
10	11.27	33.240	5.81	10	11.27	33.240	5.81	25.37	260	260	0.0263
20	11.26	33.230	6.09	20	11.26	33.230	6.09	25.37	261	261	0.0525
30	11.30	33.220	5.73	30	11.30	33.220	5.73	25.35	262	263	0.0787

JEONBUK 868 , STATION 311-05 , 34-43.0. N, 125-31.9. E, DEC.19.1988, 02:45 KST,
 DEPTH 75 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 4 , BARO 1023. ,
 AIR TEMP. DRY 10.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.10	33.100	4.64	0	11.10	33.100	4.64	25.30	268	268	0.0000
10	11.10	33.160	6.47	10	11.10	33.160	6.47	25.34	263	263	0.0265
20	11.09	33.140	5.50	20	11.09	33.140	5.50	25.33	265	265	0.0530
30	11.19	33.110	5.67	30	11.19	33.110	5.67	25.29	269	269	0.0798
50	11.18	33.120	4.59	50	11.18	33.120	4.59	25.30	268	269	0.1336
73	11.19	33.130	5.14								

JEONBUK 868 , STATION 311-06 , 34-43.0. N, 125-19.4. E, DEC.19.1988, 01:30 KST,
 DEPTH 89 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 5 , BARO 1023.5,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.30	33.170	6.02	0	11.30	33.170	6.02	25.31	266	266	0.0000
10	11.30	33.210	5.91	10	11.30	33.210	5.91	25.34	263	263	0.0264
20	11.27	33.170	5.95	20	11.27	33.170	5.95	25.32	266	266	0.0529
30	11.31	33.140	5.40	30	11.31	33.140	5.40	25.29	269	269	0.0797
50	11.33	33.230	5.89	50	11.33	33.230	5.89	25.35	262	263	0.1330
75	11.39	33.170	5.45	75	11.39	33.170	5.45	25.30	268	269	0.1996
87	11.40	33.200	4.93								

JEONBUK 868 , STATION 311-07 , 34-43.0. N, 125-00.0. E, DEC.18.1988, 23:50 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE SE 3, SWELL SE 2, WIND SE 4 , BARO 1024.5,
 AIR TEMP. DRY 8.3, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.23	33.280	5.81	0	11.23	33.280	5.81	25.41	257	257	0.0000
10	11.28	33.220	5.15	10	11.28	33.220	5.15	25.36	262	262	0.0259

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	11.25	33.250	5.03	20	11.25	33.250	5.03	25.38	259	260	0.0521
30	11.30	33.230	5.92	30	11.30	33.230	5.92	25.36	262	262	0.0782
50	11.29	33.170	5.97	50	11.29	33.170	5.97	25.32	266	267	0.1312
75	11.29	33.180	5.52	75	11.29	33.180	5.52	25.32	265	267	0.1979
89	11.31	33.200	5.57								

JEONBUK 868 , STATION 311-08 , 34-43.0. N, 124-47.9. E, DEC.18.1988, 22:35 KST,
 DEPTH 94 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1026. ,
 AIR TEMP. DRY 8.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER R

0	11.23	33.150	5.97	0	11.23	33.150	5.97	25.31	266	266	0.0000
10	11.27	33.140	5.99	10	11.27	33.140	5.99	25.30	268	268	0.0267
20	11.23	33.270	6.02	20	11.23	33.270	6.02	25.40	258	258	0.0530
30	11.28	33.310	6.12	30	11.28	33.310	6.12	25.43	255	256	0.0787
50	11.28	33.350	5.69	50	11.28	33.350	5.69	25.46	253	253	0.1297
75	11.27	33.330	5.35	75	11.27	33.330	5.35	25.44	254	255	0.1934
92	11.26	33.370	6.13								

JEONBUK 868 , STATION 311-09 , 34-43.0. N, 124-35.8. E, DEC.18.1988, 21:25 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 4 , BARO 1027.5,
 AIR TEMP. DRY 8.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	11.03	33.440	5.95	0	11.03	33.440	5.95	25.57	242	241	0.0000
10	11.21	33.440	6.09	10	11.21	33.440	6.09	25.54	245	245	0.0243
20	11.19	33.380	5.76	20	11.19	33.380	5.76	25.50	249	249	0.0490
30	11.04	33.360	5.92	30	11.04	33.360	5.92	25.51	248	248	0.0739
50	10.98	33.330	5.85	50	10.98	33.330	5.85	25.50	249	250	0.1238
75	10.98	33.290	5.94	75	10.98	33.290	5.94	25.46	252	253	0.1867
89	10.98	33.230	5.71								

JEONBUK 868 , STATION 311-10 , 34-43.0. N, 124-23.4. E, DEC.18.1988, 20:10 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE E 2, SWELL E 1, WIND E 3 , BARO 1027. ,
 AIR TEMP. DRY 6.5, WET , CLOUD. TYPE AS, AMT 10, WEATHER R

0	10.83	33.250	6.12	0	10.83	33.250	6.12	25.46	252	252	0.0000
10	11.17	33.310	6.13	10	11.17	33.310	6.13	25.45	254	253	0.0253
20	11.15	33.470	5.76	20	11.15	33.470	5.76	25.57	241	242	0.0501
30	11.21	33.490	5.98	30	11.21	33.490	5.98	25.58	241	241	0.0743
50	11.20	33.570	5.83	50	11.20	33.570	5.83	25.64	235	236	0.1221
75	11.17	33.560	5.78	75	11.17	33.560	5.78	25.64	235	236	0.1812
82	11.13	33.650	5.81								

312 線 海洋觀測 成績 Oceanographic Data. Line 312

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, FEB.20.1988, 07:20 KST,
 DEPTH 86 , COLOR 6, TRANS. 5.0, WAVE SW 1, SWELL SW 1, WIND SW 5 , BARO 1033. ,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	11.42	33.641	6.73	0	11.42	33.641	6.73	25.66	233	233	0.0000
10	11.41	34.136	6.72	10	11.41	34.136	6.72	26.04	197	197	0.0215
20	11.41	34.109	6.68	20	11.41	34.109	6.68	26.02	199	199	0.0413
30	11.45	34.130	6.57	30	11.45	34.130	6.57	26.03	198	198	0.0612
50	11.49	34.134	6.67	50	11.49	34.134	6.67	26.03	198	199	0.1011
75	11.50	34.191	6.52	75	11.50	34.191	6.52	26.07	194	196	0.1506
84	11.48	34.241	6.50								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, FEB.20.1988, 05:45 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 5 , BARO 1033.5,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	7.75	32.930	6.68	0	7.75	32.930	6.68	25.70	229	229	0.0000
10	7.57	32.996	6.63	10	7.57	32.996	6.63	25.78	222	222	0.0225
20	7.50	32.981	6.77	20	7.50	32.981	6.77	25.78	222	222	0.0448
30	7.46	32.946	6.57	30	7.46	32.946	6.57	25.76	224	224	0.0671
50	7.19	32.864	6.78	50	7.19	32.864	6.78	25.73	227	227	0.1123
71	6.77	32.866	6.69								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, FEB.20.1988, 04:15 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 5 , BARO 1033.5,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	8.34	33.054	6.51	0	8.34	33.054	6.51	25.71	228	228	0.0000
10	8.02	32.984	6.60	10	8.02	32.984	6.60	25.71	229	229	0.0228
20	8.05	32.984	6.63	20	8.05	32.984	6.63	25.70	229	229	0.0458
30	8.09	33.031	6.78	30	8.09	33.031	6.78	25.73	226	226	0.0686
50	8.13	33.019	6.80	50	8.13	33.019	6.80	25.72	228	228	0.1142
75	8.19	33.147	6.78	75	8.19	33.147	6.78	25.81	219	220	0.1703
82	8.23	33.124	6.69								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, FEB.20.1988, 02:40 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1034. ,
 AIR TEMP. DRY 4.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	8.52	33.109	6.68	0	8.52	33.109	6.68	25.73	227	226	0.0000
10	8.60	33.112	6.68	10	8.60	33.112	6.68	25.72	228	227	0.0227
20	8.61	33.109	6.67	20	8.61	33.109	6.67	25.72	228	228	0.0455
30	8.54	33.085	6.70	30	8.54	33.085	6.70	25.71	229	229	0.0684
50	8.39	32.992	6.73	50	8.39	32.992	6.73	25.66	233	234	0.1148
75	8.17	32.961	6.68	75	8.17	32.961	6.68	25.67	233	234	0.1734
90	7.12	32.868	6.48								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, FEB.20.1988, 01:10 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1034. ,
 AIR TEMP. DRY 4.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	8.08	32.915	6.78	0	8.08	32.915	6.78	25.64	235	235	0.0000
10	8.23	33.035	6.69	10	8.23	33.035	6.69	25.71	228	228	0.0231
20	8.56	33.089	6.67	20	8.56	33.089	6.67	25.71	229	229	0.0460
30	8.58	33.120	6.59	30	8.58	33.120	6.59	25.73	227	227	0.0688
50	8.54	33.093	6.58	50	8.54	33.093	6.58	25.71	228	229	0.1145
75	8.50	33.225	6.47	75	8.50	33.225	6.47	25.82	218	219	0.1705
100	8.78	33.237	6.48	100	8.78	33.237	6.48	25.79	221	222	0.2258

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, FEB.19.1988, 22:55 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1034. ,
 AIR TEMP. DRY 4.7, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	8.70	33.054	6.63	0	8.70	33.054	6.63	25.66	233	233	0.0000
10	8.46	33.066	6.62	10	8.46	33.066	6.62	25.70	229	229	0.0231
20	8.50	32.938	6.49	20	8.50	32.938	6.49	25.60	239	239	0.0465
30	8.51	32.942	6.51	30	8.51	32.942	6.51	25.60	239	239	0.0705
50	8.50	32.957	6.57	50	8.50	32.957	6.57	25.61	238	238	0.1183
75	8.47	33.000	6.48	75	8.47	33.000	6.48	25.65	234	235	0.1776
90	8.52	32.961	6.47								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, FEB.19.1988, 21:25 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1034. ,
 AIR TEMP. DRY 4.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	8.52	33.070	6.50	0	8.52	33.070	6.50	25.70	230	229	0.0000
10	8.49	33.008	6.52	10	8.49	33.008	6.52	25.65	234	234	0.0231

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	8.44	33.047	6.68	20	8.44	33.047	6.68	25.69	230	230	0.0464
30	8.44	32.930	6.50	30	8.44	32.930	6.50	25.60	239	239	0.0699
50	8.42	33.023	6.49	50	8.42	33.023	6.49	25.68	232	232	0.1171
75	8.42	33.066	6.47	75	8.42	33.066	6.47	25.71	228	229	0.1749
90	8.49	33.058	6.58								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, FEB.19.1988, 19:50 KST,
 DEPTH 87 , COLOR , TRANS. , WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1034. ,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	8.51	33.031	6.66	0	8.51	33.031	6.66	25.67	232	232	0.0000
10	8.46	32.981	6.55	10	8.46	32.981	6.55	25.64	235	235	0.0234
20	8.41	32.953	6.65	20	8.41	32.953	6.65	25.62	237	237	0.0470
30	8.40	33.050	6.68	30	8.40	33.050	6.68	25.70	229	229	0.0704
50	8.38	33.057	6.60	50	8.38	33.057	6.60	25.71	228	229	0.1163
75	8.26	33.054	6.65	75	8.26	33.054	6.65	25.73	227	228	0.1735
85	8.24	33.057	6.54								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, FEB.19.1988, 18:20 KST,
 DEPTH 81 , COLOR 6, TRANS. 4.0, WAVE SW 1, SWELL SW 1, WIND SW 3 , BARO 1034. ,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	8.14	32.934	6.70	0	8.14	32.934	6.70	25.65	234	234	0.0000
10	8.13	33.027	6.58	10	8.13	33.027	6.58	25.72	227	227	0.0230
20	8.11	33.019	6.63	20	8.11	33.019	6.63	25.72	227	228	0.0458
30	8.11	33.060	6.50	30	8.11	33.060	6.50	25.75	224	225	0.0685
50	8.10	33.120	6.57	50	8.10	33.120	6.57	25.80	220	220	0.1131
78	8.01	33.097	6.50	75	8.01	33.099	6.50	25.80	220	221	0.1684

4 月 (April)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, APR. 9.1988, 16:00 KST,
 DEPTH 86 , COLOR 5, TRANS. 4.5, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1030.5,
 AIR TEMP. DRY 10.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	8.70	32.914	6.07	0	8.70	32.914	6.07	25.55	244	243	0.0000
10	7.49	33.007	5.98	10	7.49	33.007	5.98	25.80	220	220	0.0232
20	7.51	33.093	5.96	20	7.51	33.093	5.96	25.86	214	214	0.0449
30	7.83	33.281	5.96	30	7.83	33.281	5.96	25.97	204	204	0.0658
50	8.60	33.381	5.95	50	8.60	33.381	5.95	25.93	208	208	0.1072
75	8.15	33.570	5.76	75	8.15	33.570	5.76	26.15	187	188	0.1568
84	9.13	33.668	5.61								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, APR. 9.1988, 17:30 KST,
 DEPTH 73 , COLOR 5, TRANS. 3.2, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1030. ,
 AIR TEMP. DRY 11.3, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	9.13	33.275	6.27	0	9.13	33.275	6.27	25.76	223	223	0.0000
10	7.66	33.239	6.27	10	7.66	33.239	6.27	25.96	205	205	0.0214
20	7.54	33.000	5.97	20	7.54	33.000	5.97	25.79	221	221	0.0427
30	7.62	33.125	5.86	30	7.62	33.125	5.86	25.87	213	213	0.0645
50	7.58	33.138	6.07	50	7.58	33.138	6.07	25.89	211	212	0.1071
71	7.57	33.138	5.98								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, APR. 9.1988, 19:05 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1030. ,
 AIR TEMP. DRY 10.4, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	8.97	33.027	6.27	0	8.97	33.027	6.27	25.60	239	239	0.0000
10	7.71	33.050	6.46	10	7.71	33.050	6.46	25.80	220	220	0.0229
20	7.63	33.161	6.35	20	7.63	33.161	6.35	25.90	210	210	0.0445
30	7.68	33.142	6.16	30	7.68	33.142	6.16	25.88	212	213	0.0657
50	7.44	33.037	6.38	50	7.44	33.037	6.38	25.83	217	217	0.1088
75	8.21	33.268	6.37	75	8.21	33.268	6.37	25.90	210	211	0.1625
82	8.92	33.478	6.20								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, APR. 9.1988, 20:35 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1030.5,
 AIR TEMP. DRY 8.4, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	8.82	33.035	6.56	0	8.82	33.035	6.56	25.63	237	236	0.0000
10	7.65	32.959	6.67	10	7.65	32.959	6.67	25.74	226	225	0.0231
20	7.51	33.031	6.56	20	7.51	33.031	6.56	25.82	218	218	0.0453
30	7.99	33.101	6.51	30	7.99	33.101	6.51	25.80	220	220	0.0673
50	9.20	33.757	6.46	50	9.20	33.757	6.46	26.13	189	189	0.1083
75	9.88	33.929	6.37	75	9.88	33.929	6.37	26.15	186	188	0.1556
90	10.05	33.832	6.27								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, APR. 9.1988, 22:10 KST,
 DEPTH 103 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1031. ,
 AIR TEMP. DRY 8.2, WET , CLOUD. TYPE , AMT 02, WEATHER B

0	8.85	32.878	6.78	0	8.85	32.878	6.78	25.50	249	248	0.0000
10	8.12	32.827	6.89	10	8.12	32.827	6.89	25.57	242	242	0.0245

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	7.82	33.150	6.63	20	7.82	33.150	6.63	25.87	214	214	0.0473
30	8.00	33.326	6.50	30	8.00	33.326	6.50	25.98	203	203	0.0682
50	8.50	33.453	6.45	50	8.50	33.453	6.45	26.00	201	201	0.1088
75	9.80	33.959	6.38	75	9.80	33.959	6.38	26.19	183	184	0.1571
100	10.00	33.853	6.11	100	10.00	33.853	6.11	26.07	194	196	0.2047

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, APR.10.1988, 00:20 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1031.5,
 ATR TEMP. DRY 9.0, WET , CLOUD. TYPE , AMT 01, WEATHER B

0	9.02	33.182	6.61	0	9.02	33.182	6.61	25.71	229	228	0.0000
10	8.30	33.217	6.74	10	8.30	33.217	6.74	25.85	215	215	0.0222
20	8.27	33.217	6.57	20	8.27	33.217	6.57	25.85	215	215	0.0437
30	8.27	33.231	6.43	30	8.27	33.231	6.43	25.86	214	214	0.0653
50	7.93	33.510	6.47	50	7.93	33.510	6.47	26.13	188	189	0.1057
75	8.17	33.555	6.35	75	8.17	33.555	6.35	26.13	188	189	0.1531
89	9.20	33.583	6.08								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, APR.10.1988, 01:55 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1031.5,
 ATR TEMP. DRY 8.5, WET , CLOUD. TYPE , AMT 01, WEATHER B

0	8.80	33.091	6.77	0	8.80	33.091	6.77	25.67	232	232	0.0000
10	8.20	33.007	6.69	10	8.20	33.007	6.69	25.70	230	230	0.0231
20	7.73	32.983	6.52	20	7.73	32.983	6.52	25.75	225	225	0.0458
30	7.81	32.956	6.36	30	7.81	32.956	6.36	25.71	228	228	0.0685
50	8.36	33.312	6.38	50	8.36	33.312	6.38	25.91	209	210	0.1124
75	8.08	33.233	6.46	75	8.08	33.233	6.46	25.89	211	212	0.1653
90	8.28	33.231	6.17								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, APR.10.1988, 03:25 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1031.5,
 ATR TEMP. DRY 8.5, WET , CLOUD. TYPE , AMT 01, WEATHER B

0	9.40	33.069	6.87	0	9.40	33.069	6.87	25.56	243	242	0.0000
10	8.36	33.064	6.47	10	8.36	33.064	6.47	25.72	228	228	0.0235
20	8.23	33.039	6.40	20	8.23	33.039	6.40	25.72	228	228	0.0463
30	8.15	33.109	6.37	30	8.15	33.109	6.37	25.78	221	222	0.0688
50	8.11	33.183	6.37	50	8.11	33.183	6.37	25.85	215	216	0.1127
75	8.28	33.304	6.35	75	8.28	33.304	6.35	25.92	209	210	0.1660
84	8.29	33.305	6.35								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, APR.10.1988, 05:00 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 1 , BARO 1031. ,
 AIR TEMP. DRY 8.4, WET , CLOUD. TYPE , AMT 01, WEATHER B

0	8.91	32.912	6.98	0	8.91	32.912	6.98	25.52	247	247	0.0000
10	8.82	32.948	6.78	10	8.82	32.948	6.78	25.56	243	243	0.0245
20	8.48	32.965	6.73	20	8.48	32.965	6.73	25.62	237	237	0.0485
30	8.33	33.015	6.68	30	8.33	33.015	6.68	25.68	231	231	0.0719
50	8.13	32.955	6.36	50	8.13	32.955	6.36	25.67	233	233	0.1185
78	8.39	33.126	6.37	75	8.36	33.107	6.36	25.75	224	225	0.1759

6 月(June)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, JUN.11.1988, 20:00 KST.
 DEPTH 86 , COLOR , TRANS. , WAVE E 2, SWELL E 2, WIND E 3 , BARO 1008. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE , AMT , WEATHER

0	13.72	32.900	5.90	0	13.72	32.900	5.90	24.64	330	330	0.0000
10	13.54	33.370	6.03	10	13.54	33.370	6.03	25.04	292	292	0.0311
20	12.49	33.230	6.01	20	12.49	33.230	6.01	25.14	283	283	0.0599
30	12.31	32.960	5.93	30	12.31	32.960	5.93	24.96	299	300	0.0891
50	12.13	32.880	6.12	50	12.13	32.880	6.12	24.94	302	303	0.1495
75	11.71	32.840	5.79	75	11.71	32.840	5.79	24.98	298	299	0.2249
84	11.21	32.880	5.65								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, JUN.11.1988, 18:55 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE E 2, SWELL E 2, WIND E 4 , BARO 1009. ,
 AIR TEMP. DRY 15.5, WET , CLOUD. TYPE NS, AMT 10, WEATHER R

0	14.00	32.650	5.81	0	14.00	32.650	5.81	24.39	354	354	0.0000
10	13.60	32.650	5.90	10	13.60	32.650	5.90	24.47	346	346	0.0350
20	12.22	32.710	5.81	20	12.22	32.710	5.81	24.79	316	316	0.0682
30	11.92	32.780	5.90	30	11.92	32.780	5.90	24.90	306	306	0.0994
50	11.62	32.760	6.00	50	11.62	32.760	6.00	24.94	302	303	0.1603
71	10.39	32.790	5.77								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, JUN.11.1988, 17:55 KST,
 DEPTH 84 , COLOR , TRANS. 11.5, WAVE E 2, SWELL E 2, WIND E 4 , BARO 1009. ,
 AIR TEMP. DRY 16.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	17.75	32.420	5.58	0	17.75	32.420	5.58	23.38	451	450	0.0000
10	14.80	32.550	5.67	10	14.80	32.550	5.67	24.14	377	377	0.0414

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	12.81	32.790	5.61	20	12.81	32.790	5.61	24.74	321	321	0.0764
30	13.17	32.840	5.59	30	13.17	32.840	5.59	24.70	324	325	0.1087
50	10.68	32.810	5.87	50	10.68	32.810	5.87	25.14	282	283	0.1696
75	10.51	33.040	5.73	75	10.51	33.040	5.73	25.35	262	264	0.2380
82	10.63	33.150	5.48								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, JUN.11.1988, 16:50 KST,
 DEPTH 92 , COLOR , TRANS. 10.0, WAVE E 2, SWELL E 2, WIND E 3 , BARO 1008. ,
 ATR TEMP. DRY 18.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	18.12	32.530	5.36	0	18.12	32.530	5.36	23.37	451	451	0.0000
10	16.49	32.960	5.53	10	16.49	32.960	5.53	24.08	383	383	0.0417
20	13.67	32.940	5.75	20	13.67	32.940	5.75	24.68	326	327	0.0772
30	13.06	33.190	5.68	30	13.06	33.190	5.68	25.00	296	297	0.1085
50	11.70	32.990	5.63	50	11.70	32.990	5.63	25.10	286	287	0.1670
75	10.22	33.040	5.70	75	10.22	33.040	5.70	25.40	258	259	0.2354
90	10.91	33.420	5.54								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, JUN.11.1988, 15:45 KST,
 DEPTH 103 , COLOR , TRANS. 16.5, WAVE E 2, SWELL E 2, WIND E 4 , BARO 1007. ,
 ATR TEMP. DRY 17.9, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	17.07	32.660	5.39	0	17.07	32.660	5.39	23.72	418	418	0.0000
10	16.23	32.730	5.61	10	16.23	32.730	5.61	23.97	394	394	0.0406
20	13.90	32.760	5.89	20	13.90	32.760	5.89	24.49	344	344	0.0776
30	13.16	33.030	5.85	30	13.16	33.030	5.85	24.85	310	310	0.1104
50	11.47	33.130	5.70	50	11.47	33.130	5.70	25.25	272	273	0.1688
75	10.00	32.920	5.75	75	10.00	32.920	5.75	25.35	263	264	0.2360
100	10.57	33.360	5.53	100	10.57	33.360	5.53	25.59	240	242	0.2994

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, JUN.11.1988, 14:10 KST,
 DEPTH 91 , COLOR , TRANS. 11.7, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1009. ,
 ATR TEMP. DRY 17.5, WET , CLOUD. TYPE AS, AMT 09, WEATHER R

0	16.34	32.660	5.40	0	16.34	32.660	5.40	23.89	402	402	0.0000
10	16.31	32.480	5.74	10	16.31	32.480	5.74	23.76	414	414	0.0408
20	12.84	32.820	5.73	20	12.84	32.820	5.73	24.75	319	320	0.0775
30	11.21	32.930	5.82	30	11.21	32.930	5.82	25.14	282	283	0.1077
50	10.63	33.010	5.64	50	10.63	33.010	5.64	25.31	267	267	0.1628
75	9.71	33.160	5.36	75	9.71	33.160	5.36	25.58	241	242	0.2266
89	9.54	33.040	5.62								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, JUN.11.1988, 13:05 KST,
 DEPTH 92 , COLOR , TRANS. 13.5, WAVE SE 1, SWELL SE 1, WIND SE 3 , BARO 1008. ,
 ATR TEMP. DRY 17.8, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	17.02	32.420	5.26	0	17.02	32.420	5.26	23.55	434	434	0.0000
10	16.73	32.450	5.55	10	16.73	32.450	5.55	23.64	426	426	0.0430
20	13.78	32.670	5.79	20	13.78	32.670	5.79	24.45	348	349	0.0817
30	11.31	33.040	5.88	30	11.31	33.040	5.88	25.21	276	276	0.1130
50	8.27	33.040	5.62	50	8.27	33.040	5.62	25.71	228	229	0.1636
75	8.74	33.020	5.58	75	8.74	33.020	5.58	25.63	236	237	0.2220
90	8.71	33.080	5.58								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, JUN.11.1988, 12:00 KST,
 DEPTH 86 , COLOR , TRANS. 10.8, WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1009. ,
 ATR TEMP. DRY 18.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	17.75	32.210	5.49	0	17.75	32.210	5.49	23.22	466	466	0.0000
10	16.28	32.240	5.52	10	16.28	32.240	5.52	23.58	431	431	0.0448
20	13.90	32.190	5.57	20	13.90	32.190	5.57	24.06	386	386	0.0858
30	10.59	32.740	6.11	30	10.59	32.740	6.11	25.11	286	286	0.1194
50	7.88	32.970	5.61	50	7.88	32.970	5.61	25.72	228	228	0.1710
75	7.88	32.720	5.64	75	7.88	32.720	5.64	25.52	247	247	0.2306
84	7.87	32.580	5.42								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, JUN.11.1988, 11:00 KST,
 DEPTH 80 , COLOR , TRANS. 14.0, WAVE SW 1, SWELL SW 1, WIND SW 4 , BARO 1009. ,
 ATR TEMP. DRY 18.7, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	17.95	32.340	5.78	0	17.95	32.340	5.78	23.27	461	461	0.0000
10	17.26	32.180	5.81	10	17.26	32.180	5.81	23.31	457	457	0.0459
20	13.54	32.260	5.93	20	13.54	32.260	5.93	24.18	374	374	0.0875
30	10.96	32.340	6.03	30	10.96	32.340	6.03	24.73	322	322	0.1224
50	7.96	32.530	5.59	50	7.96	32.530	5.59	25.36	262	262	0.1809
75	7.94	32.630	5.28	75	7.94	32.630	5.28	25.44	254	255	0.2457
78	7.96	32.590	5.22								

8 月(August)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, AUG. 4.1988, 13:05 KST,
 DEPTH 86 , COLOR , TRANS. 21.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1008. ,
 ATR TEMP. DRY 25.5, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.12	32.800	4.47	0	25.12	32.800	4.47	21.66	615	614	0.0000
10	24.70	32.850	4.63	10	24.70	32.850	4.63	21.83	599	599	0.0607

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	23.82	32.900	4.45	20	23.82	32.900	4.45	22.12	570	571	0.1192
30	23.18	32.980	4.52	30	23.18	32.980	4.52	22.37	547	548	0.1752
50	22.60	32.990	4.75	50	22.60	32.990	4.75	22.54	530	532	0.2832
75	21.56	33.260	4.73	75	21.56	33.260	4.73	23.04	483	485	0.4105
84	20.03	33.370	4.75								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, AUG. 4.1988, 14:10 KST,
 DEPTH 73 , COLOR , TRANS. 23.4, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1008. ,
 AIR TEMP. DRY 25.4, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	24.97	32.740	4.75	0	24.97	32.740	4.75	21.66	615	614	0.0000
10	24.62	32.770	4.93	10	24.62	32.770	4.93	21.79	602	602	0.0608
20	23.50	32.960	4.23	20	23.50	32.960	4.23	22.26	557	558	0.1189
30	22.73	32.990	4.22	30	22.73	32.990	4.22	22.51	534	535	0.1736
50	18.92	33.000	4.64	50	18.92	33.000	4.64	23.53	436	437	0.2708
71	18.02	33.360	4.79								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, AUG. 4.1988, 15:10 KST,
 DEPTH 84 , COLOR , TRANS. 25.7, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1008. ,
 AIR TEMP. DRY 24.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	25.02	32.930	4.01	0	25.02	32.930	4.01	21.79	602	602	0.0000
10	23.93	33.100	4.32	10	23.93	33.100	4.32	22.24	559	559	0.0581
20	23.47	33.150	4.28	20	23.47	33.150	4.28	22.41	543	543	0.1132
30	23.02	33.160	4.34	30	23.02	33.160	4.34	22.55	530	530	0.1669
50	20.50	32.980	4.66	50	20.50	32.980	4.66	23.11	476	478	0.2678
75	18.12	33.140	4.65	75	18.12	33.140	4.65	23.84	407	409	0.3787
82	13.08	33.080	4.62								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, AUG. 4.1988, 16:15 KST,
 DEPTH 92 , COLOR , TRANS. 19.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1008. ,
 AIR TEMP. DRY 24.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	25.12	32.430	4.20	0	25.12	32.430	4.20	21.38	641	641	0.0000
10	24.91	32.550	4.29	10	24.91	32.550	4.29	21.54	627	627	0.0634
20	24.05	32.670	4.28	20	24.05	32.670	4.28	21.88	594	594	0.1245
30	22.33	32.710	4.42	30	22.33	32.710	4.42	22.41	543	544	0.1814
50	20.80	32.790	4.63	50	20.80	32.790	4.63	22.88	498	499	0.2858
75	15.24	32.920	4.66	75	15.24	32.920	4.66	24.33	359	361	0.3934
90	11.50	32.970	4.74								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, AUG. 4.1988, 17:20 KST,
 DEPTH 103 , COLOR , TRANS. 20.2, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1007. ,
 AIR TEMP. DRY 25.0, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.67	33.090	4.25	0	24.67	33.090	4.25	22.02	581	580	0.0000
10	23.91	32.850	4.35	10	23.91	32.850	4.35	22.06	577	577	0.0579
20	23.91	32.940	4.38	20	23.91	32.940	4.38	22.13	570	570	0.1153
30	22.49	33.050	4.32	30	22.49	33.050	4.32	22.62	523	524	0.1700
50	17.58	32.910	4.52	50	17.58	32.910	4.52	23.79	411	412	0.2637
75	9.90	32.880	4.76	75	9.90	32.880	4.76	25.33	264	266	0.3486
100	9.60	32.860	4.66	100	9.60	32.860	4.66	25.36	261	263	0.4148

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, AUG. 4.1988, 18:55 KST,
 DEPTH 91 , COLOR , TRANS. 23.2, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1007. ,
 AIR TEMP. DRY 24.5, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.32	32.660	4.16	0	24.32	32.660	4.16	21.80	602	602	0.0000
10	23.13	32.880	4.60	10	23.13	32.880	4.60	22.31	553	553	0.0577
20	22.15	33.050	4.55	20	22.15	33.050	4.55	22.71	514	514	0.1111
30	21.01	33.010	4.44	30	21.01	33.010	4.44	23.00	487	488	0.1613
50	18.02	33.080	4.65	50	18.02	33.080	4.65	23.81	409	410	0.2512
75	13.31	32.960	4.63	75	13.31	32.960	4.63	24.77	318	320	0.3425
89	9.32	32.960	4.62								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, AUG. 4.1988, 20:00 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1007. ,
 AIR TEMP. DRY 24.6, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	24.63	32.200	4.65	0	24.63	32.200	4.65	21.36	644	644	0.0000
10	24.51	32.180	4.91	10	24.51	32.180	4.91	21.38	642	642	0.0643
20	18.89	32.350	4.92	20	18.89	32.350	4.92	23.04	483	483	0.1206
30	18.01	32.430	4.81	30	18.01	32.430	4.81	23.32	456	457	0.1676
50	10.92	32.620	4.82	50	10.92	32.620	4.82	24.95	300	301	0.2434
75	8.90	32.980	4.52	75	8.90	32.980	4.52	25.57	242	243	0.3115
90	8.72	32.980	4.49								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, AUG. 4.1988, 21:05 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE 1, SWELL 1, WIND NW 2 , BARO 1007. ,
 AIR TEMP. DRY 24.8, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	25.50	32.320	4.32	0	25.50	32.320	4.32	21.19	660	660	0.0000
10	25.30	32.270	4.55	10	25.30	32.270	4.55	21.21	658	658	0.0659

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	24.00	32.280	4.93	20	24.00	32.280	4.93	21.60	620	621	0.1299
30	22.92	32.310	5.38	30	22.92	32.310	5.38	21.94	588	589	0.1904
50	11.31	32.760	5.12	50	11.31	32.760	5.12	24.99	297	297	0.2791
75	8.77	33.060	4.99	75	8.77	33.060	4.99	25.65	234	235	0.3458
84	8.77	33.040	4.73								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, AUG. 4.1988, 22:10 KST,
 DEPTH 80 , COLOR , TRANS. , WAVE 2, SWELL 1, WIND NW 3 , BARO 1007. ,
 AIR TEMP. DRY 24.9, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	25.56	32.290	4.37	0	25.56	32.290	4.37	21.15	664	664	0.0000
10	24.32	32.510	4.40	10	24.32	32.510	4.40	21.68	613	613	0.0638
20	23.92	32.460	4.99	20	23.92	32.460	4.99	21.76	605	605	0.1248
30	12.21	32.550	5.39	30	12.21	32.550	5.39	24.67	328	328	0.1715
50	8.98	32.700	5.34	50	8.98	32.700	5.34	25.34	264	264	0.2309
78	8.92	32.800	5.16	75	8.92	32.789	5.17	25.42	256	257	0.2962

10月(October)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, OCT. 9.1988, 17:00 KST,
 DEPTH 86 , COLOR 4, TRANS. 12.3, WAVE NE 3, SWELL NE 2, WIND N 4 , BARO 1018. ,
 AIR TEMP. DRY 20.9, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	22.22	33.680	5.09	0	22.22	33.680	5.09	23.17	470	470	0.0000
10	22.31	33.690	5.24	10	22.31	33.690	5.24	23.15	472	472	0.0471
20	22.20	33.830	5.13	20	22.20	33.830	5.13	23.29	459	459	0.0937
30	21.10	33.810	5.06	30	21.10	33.810	5.06	23.58	432	432	0.1384
50	18.52	33.800	4.71	50	18.52	33.800	4.71	24.24	368	370	0.2186
75	14.37	33.800	4.51	75	14.37	33.800	4.51	25.20	277	279	0.2998
84	14.04	34.180	4.38								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, OCT. 9.1988, 18:15 KST,
 DEPTH 73 , COLOR 4, TRANS. 10.5, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1020. ,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	21.71	33.710	5.03	0	21.71	33.710	5.03	23.34	455	454	0.0000
10	21.80	33.550	5.33	10	21.80	33.550	5.33	23.19	469	469	0.0462
20	21.80	33.650	5.13	20	21.80	33.650	5.13	23.27	461	462	0.0927
30	21.25	33.690	5.13	30	21.25	33.690	5.13	23.45	444	445	0.1381
50	19.16	33.630	4.59	50	19.16	33.630	4.59	23.95	396	397	0.2224
70	14.19	33.640	4.46								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, OCT. 9.1988, 19:30 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE N 2, SWELL N 1, WIND N 4 , BARO 1023. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.10	33.630	5.22	0	20.10	33.630	5.22	23.71	419	419	0.0000
10	19.42	33.550	5.30	10	19.42	33.550	5.30	23.82	408	408	0.0414
20	18.90	33.500	4.91	20	18.90	33.500	4.91	23.92	399	399	0.0818
30	17.39	33.520	4.95	30	17.39	33.520	4.95	24.30	362	363	0.1200
50	14.81	33.550	4.54	50	14.81	33.550	4.54	24.91	304	305	0.1869
75	14.12	33.800	4.40	75	14.12	33.800	4.40	25.25	272	274	0.2594
82	14.00	34.050	4.34								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, OCT. 9.1988, 20:40 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1023. ,
 AIR TEMP. DRY 19.2, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.71	33.660	5.15	0	20.71	33.660	5.15	23.57	432	432	0.0000
10	20.72	33.650	5.24	10	20.72	33.650	5.24	23.56	433	433	0.0433
20	20.11	33.540	4.93	20	20.11	33.540	4.93	23.64	426	426	0.0863
30	19.78	33.530	5.05	30	19.78	33.530	5.05	23.72	418	419	0.1286
50	18.39	33.520	4.57	50	18.39	33.520	4.57	24.06	386	387	0.2093
75	14.93	33.600	4.38	75	14.93	33.600	4.38	24.92	303	305	0.2959
90	12.15	33.520	4.53								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, OCT. 9.1988, 21:55 KST,
 DEPTH 102 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1025. ,
 AIR TEMP. DRY 19.1, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.70	33.760	5.03	0	21.70	33.760	5.03	23.38	451	451	0.0000
10	21.81	33.780	5.13	10	21.81	33.780	5.13	23.36	452	452	0.0451
20	21.81	33.780	5.02	20	21.81	33.780	5.02	23.36	452	453	0.0904
30	21.82	33.760	4.79	30	21.82	33.760	4.79	23.34	454	455	0.1358
50	16.96	33.710	4.68	50	16.96	33.710	4.68	24.55	339	340	0.2154
75	14.12	33.480	4.64	75	14.12	33.480	4.64	25.00	296	297	0.2952
100	11.50	33.340	4.29	100	11.50	33.340	4.29	25.41	257	259	0.3648

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, OCT. 9.1988, 23:40 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	20.79	32.900	4.91	0	20.79	32.900	4.91	22.97	490	489	0.0000
10	20.80	32.910	5.02	10	20.80	32.910	5.02	22.98	489	489	0.0489

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
20	20.74	33.000	5.11	20	20.74	33.000	5.11	23.06	481	481	0.0975
30	21.01	33.410	5.23	30	21.01	33.410	5.23	23.30	458	459	0.1445
50	17.20	33.350	5.02	50	17.20	33.350	5.02	24.22	371	372	0.2277
75	12.43	33.250	4.70	75	12.43	33.250	4.70	25.16	280	282	0.3095
89	11.42	33.240	4.28								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, OCT.10.1988, 00:55 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.10	32.820	5.02	0	21.10	32.820	5.02	22.83	503	503	0.0000
10	21.12	32.930	5.21	10	21.12	32.930	5.21	22.91	496	496	0.0499
20	21.13	32.960	5.06	20	21.13	32.960	5.06	22.93	494	494	0.0995
30	21.19	33.190	5.05	30	21.19	33.190	5.05	23.08	479	479	0.1482
50	11.54	33.300	4.91	50	11.54	33.300	4.91	25.37	261	261	0.2224
75	10.71	33.260	4.78	75	10.71	33.260	4.78	25.49	250	251	0.2866
90	10.32	33.240	4.41								

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, OCT.10.1988, 02:10 KST,
 DEPTH 86 , COLOR , TRANS. , WAVE E 2, SWELL E 1, WIND E 3 , BARO 1025. ,
 AIR TEMP. DRY 19.4, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.40	32.460	5.07	0	21.40	32.460	5.07	22.47	537	537	0.0000
10	21.41	32.500	5.13	10	21.41	32.500	5.13	22.50	534	534	0.0536
20	21.03	32.700	5.24	20	21.03	32.700	5.24	22.75	510	510	0.1059
30	20.61	32.840	5.07	30	20.61	32.840	5.07	22.97	489	490	0.1559
50	10.53	33.230	4.91	50	10.53	33.230	4.91	25.50	249	249	0.2300
75	10.11	33.300	4.71	75	10.11	33.300	4.71	25.62	237	238	0.2910
84	10.02	33.260	4.66								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, OCT.10.1988, 03:25 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025. ,
 AIR TEMP. DRY 19.3, WET , CLOUD. TYPE , AMT 00, WEATHER B

0	21.21	32.480	5.25	0	21.21	32.480	5.25	22.54	531	530	0.0000
10	21.23	32.590	5.12	10	21.23	32.590	5.12	22.62	523	523	0.0527
20	21.22	32.350	5.02	20	21.22	32.350	5.02	22.44	540	541	0.1059
30	20.23	32.360	4.81	30	20.23	32.360	4.81	22.71	515	515	0.1588
50	9.94	33.360	4.64	50	9.94	33.360	4.64	25.70	230	230	0.2334
75	9.73	33.210	4.50	75	9.73	33.210	4.50	25.62	237	238	0.2921
90	9.71	33.070	4.37								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

12月(December)

JEONBUK 868 , STATION 312-02 , 33-58.5. N, 126-06.0. E, DEC.23.1988, 02:40 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE E 1, SWELL E 1, WIND E 2 , BARO 1029. ,
 AIR TEMP. DRY 9.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.80	33.540	6.02	0	12.80	33.540	6.02	25.32	266	266	0.0000
10	12.90	33.550	5.97	10	12.90	33.550	5.97	25.31	267	267	0.0266
20	12.93	33.520	6.07	20	12.93	33.520	6.07	25.28	270	270	0.0535
30	12.89	33.570	5.60	30	12.89	33.570	5.60	25.32	265	266	0.0803
50	12.47	33.480	5.81	50	12.47	33.480	5.81	25.34	264	265	0.1335
75	12.33	33.450	6.07	75	12.33	33.450	6.07	25.34	264	265	0.1999
81	12.23	33.430	6.11								

JEONBUK 868 , STATION 312-03 , 33-59.8. N, 125-54.0. E, DEC.23.1988, 01:25 KST,
 DEPTH 73 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1030. ,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	10.69	33.370	4.28	0	10.69	33.370	4.28	25.58	241	241	0.0000
10	10.70	33.330	6.18	10	10.70	33.330	6.18	25.54	244	244	0.0242
20	10.70	33.230	6.02	20	10.70	33.230	6.02	25.47	252	252	0.0491
30	10.68	33.220	6.15	30	10.68	33.220	6.15	25.46	252	252	0.0743
50	10.69	33.220	6.33	50	10.69	33.220	6.33	25.46	252	253	0.1249
70	10.70	33.210	6.33								

JEONBUK 868 , STATION 312-04 , 34-01.3. N, 125-42.0. E, DEC.23.1988, 00:10 KST,
 DEPTH 84 , COLOR , TRANS. , WAVE E 2, SWELL E 1, WIND E 3 , BARO 1030. ,
 AIR TEMP. DRY 7.8, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	10.73	33.230	6.01	0	10.73	33.230	6.01	25.46	252	252	0.0000
10	10.80	33.230	6.45	10	10.80	33.230	6.45	25.45	253	253	0.0252
20	10.79	33.230	6.24	20	10.79	33.230	6.24	25.45	253	253	0.0506
30	10.75	33.210	6.33	30	10.75	33.210	6.33	25.44	254	254	0.0760
50	10.77	33.230	6.11	50	10.77	33.230	6.11	25.45	253	253	0.1269
75	10.80	33.230	6.38	75	10.80	33.230	6.38	25.45	253	254	0.1905
82	10.80	33.260	6.38								

JEONBUK 868 , STATION 312-05 , 34-02.6. N, 125-30.0. E, DEC.22.1988, 23:00 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1030.5,
 AIR TEMP. DRY 7.3, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	13.29	33.560	5.78	0	13.29	33.560	5.78	25.24	274	273	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	13.28	33.600	5.97	10	13.28	33.600	5.97	25.27	270	270	0.0272
20	13.28	33.660	5.71	20	13.28	33.660	5.71	25.31	266	266	0.0541
30	13.27	33.560	5.81	30	13.27	33.560	5.81	25.24	273	274	0.0811
50	13.18	33.540	5.73	50	13.18	33.540	5.73	25.24	273	274	0.1360
75	12.88	33.540	5.80	75	12.88	33.540	5.80	25.30	267	269	0.2039
90	12.67	33.470	5.87								

JEONBUK 868 , STATION 312-06 , 34-04.1. N, 125-18.0. E, DEC.22.1988, 21:45 KST,
 DEPTH 102 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 5 , BARO 1030.5,
 AIR TEMP. DRY 7.5, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	12.34	33.410	5.81	0	12.34	33.410	5.81	25.31	267	267	0.0000
10	12.36	33.360	6.09	10	12.36	33.360	6.09	25.26	271	271	0.0269
20	12.38	33.440	6.02	20	12.38	33.440	6.02	25.32	265	266	0.0537
30	12.33	33.360	6.05	30	12.33	33.360	6.05	25.27	270	271	0.0806
50	12.32	33.380	6.02	50	12.32	33.380	6.02	25.29	269	270	0.1347
75	12.25	33.390	6.06	75	12.25	33.390	6.06	25.31	267	268	0.2021
100	12.19	33.360	6.11	100	12.19	33.360	6.11	25.30	268	270	0.2695

JEONBUK 868 , STATION 312-07 , 34-05.5. N, 125-00.0. E, DEC.22.1988, 20:00 KST,
 DEPTH 91 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 5 , BARO 1030. ,
 AIR TEMP. DRY 6.9, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	12.84	33.580	5.93	0	12.84	33.580	5.93	25.34	264	263	0.0000
10	12.86	33.480	6.04	10	12.86	33.480	6.04	25.26	271	271	0.0267
20	12.87	33.450	5.82	20	12.87	33.450	5.82	25.23	274	274	0.0540
30	12.84	33.420	5.81	30	12.84	33.420	5.81	25.22	275	276	0.0816
50	12.85	33.370	5.84	50	12.85	33.370	5.84	25.18	279	280	0.1373
75	12.43	33.350	5.83	75	12.43	33.350	5.83	25.24	273	274	0.2067
89	11.91	33.380	5.92								

JEONBUK 868 , STATION 312-08 , 34-05.5. N, 124-48.0. E, DEC.22.1988, 18:45 KST,
 DEPTH 92 , COLOR , TRANS. , WAVE NE 3, SWELL NE 2, WIND NE 5 , BARO 1030. ,
 AIR TEMP. DRY 8.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	12.87	33.420	5.92	0	12.87	33.420	5.92	25.21	276	276	0.0000
10	12.89	33.470	6.00	10	12.89	33.470	6.00	25.25	273	273	0.0274
20	12.90	33.460	5.92	20	12.90	33.460	5.92	25.24	274	274	0.0548
30	12.87	33.420	5.90	30	12.87	33.420	5.90	25.21	276	276	0.0823
50	12.54	33.440	6.02	50	12.54	33.440	6.02	25.29	268	269	0.1370
75	12.01	33.410	5.94	75	12.01	33.410	5.94	25.37	261	262	0.2036
90	11.95	33.470	5.85								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

JEONBUK 868 , STATION 312-09 , 34-05.5. N, 124-36.0. E, DEC.22.1988, 17:30 KST,
 DEPTH 86 , COLOR 5, TRANS. 4.5, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1030. ,
 ATR TEMP. DRY 8.7, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.21	33.400	5.63	0	12.21	33.400	5.63	25.32	265	265	0.0000
10	12.20	33.360	6.01	10	12.20	33.360	6.01	25.29	268	268	0.0266
20	12.20	33.340	5.93	20	12.20	33.340	5.93	25.28	269	270	0.0536
30	12.12	33.460	5.91	30	12.12	33.460	5.91	25.39	259	260	0.0801
50	12.12	33.470	5.81	50	12.12	33.470	5.81	25.39	258	259	0.1321
75	12.14	33.480	5.85	75	12.14	33.480	5.85	25.40	258	260	0.1971
84	12.10	33.460	5.55								

JEONBUK 868 , STATION 312-10 , 34-05.5. N, 124-24.0. E, DEC.22.1988, 16:15 KST,
 DEPTH 80 , COLOR 5, TRANS. 5.0, WAVE NE 3, SWELL NE 2, WIND NE 4 , BARO 1030. ,
 ATR TEMP. DRY 8.8, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	12.79	33.320	5.72	0	12.79	33.320	5.72	25.15	282	281	0.0000
10	12.85	33.310	5.95	10	12.85	33.310	5.95	25.13	284	284	0.0283
20	12.85	33.300	5.64	20	12.85	33.300	5.64	25.12	284	285	0.0567
30	12.82	33.300	5.24	30	12.82	33.300	5.24	25.13	284	284	0.0852
50	12.82	33.300	5.39	50	12.82	33.300	5.39	25.13	284	285	0.1422
77	12.82	33.370	5.50	75	12.82	33.364	5.49	25.18	279	281	0.2130

第三編

韓日共同海洋觀測成績 (400線)

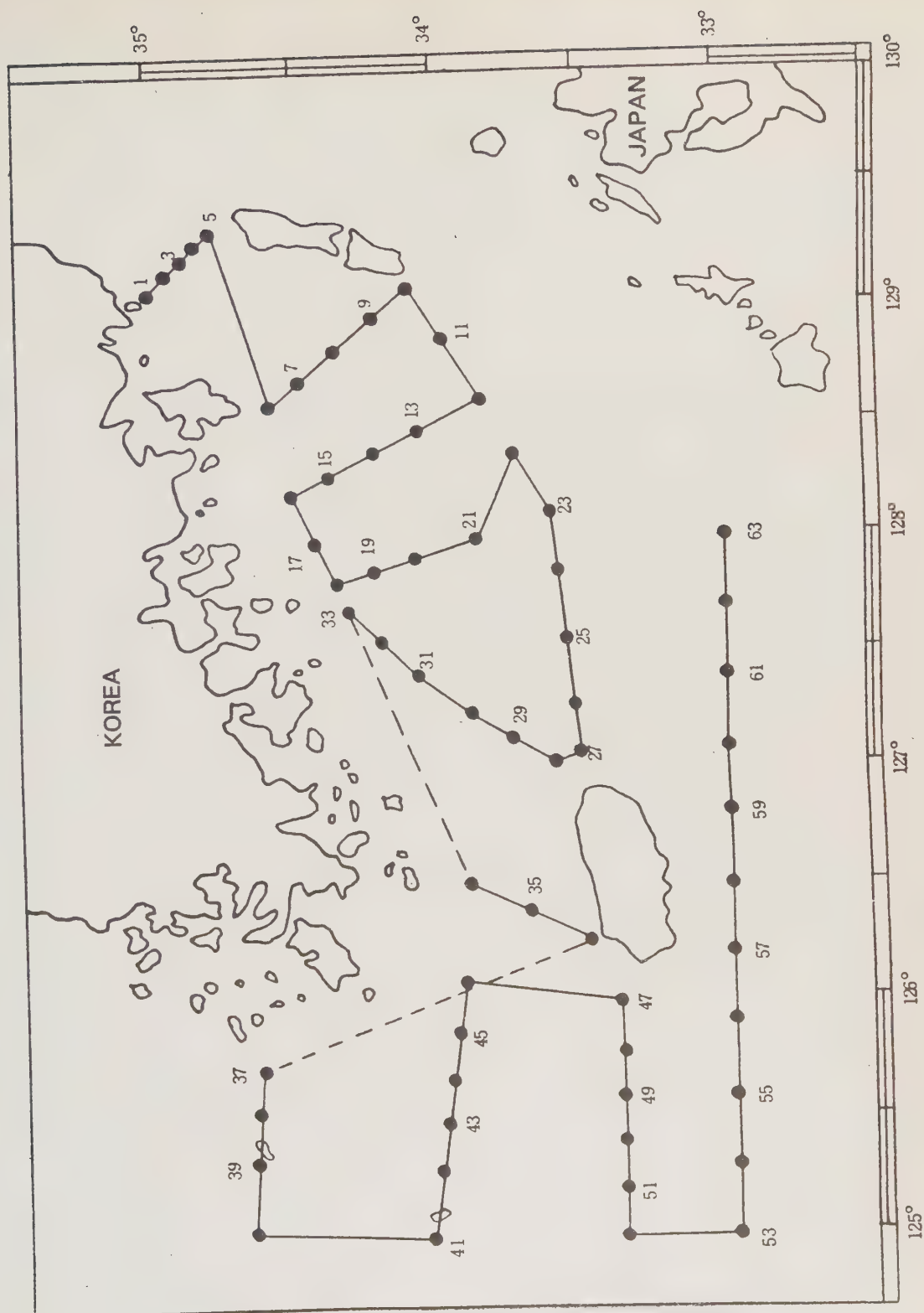
(水溫, 鹽分, 酸素 및 氣象觀測資料)

PART 3

KOREA—JAPAN COOPERATIVE OCEANOGRAPHIC DATA (Line 400)

(Temperature, Salinity, Oxygen and Meteorological Data)

1988



韓日共同海洋觀測點(400線)位置圖

Location of the Korea - Japan cooperative oceanographic stations (Line 400).

韓日共同海洋觀測點(400線)位置表

Position of the Korea - Japan cooperative oceanographic stations(Line 400)

St. No.	Latitude (N)	Longitude (E)	Serial Ocean. St. No.	St. No.	Latitude (N)	Longitude (E)	Serial Ocean. St. No.
01	35° 01.3′	129° 07.2′	207/01	33	34° 20.8′	127° 43.9′	204/01
02	34° 57.6′	129° 11.2′	02	34	33° 56.6′	126° 31.4′	203/01
03	34° 53.9′	129° 15.4′	03	35	33° 47.5′	126° 26.3′	02
04	34° 50.2′	129° 19.5′	04	36	33° 38.3′	126° 21.3′	03
05	34° 48.0′	129° 21.8′	05	37	34° 43.0′	125° 43.9′	311/04
06	34° 35.5′	128° 34.5′	206/01	38	34° 43.0′	125° 31.9′	05
07	34° 29.6′	128° 41.2′	02	39	34° 43.0′	125° 19.4′	06
08	34° 22.4′	128° 49.7′	03	40	34° 43.0′	125° 00.0′	07
09	34° 15.3′	128° 58.0′	04	41	34° 05.5′	125° 00.0′	312/07
10	34° 08.1′	129° 06.3′	05	42	34° 04.1′	125° 18.0′	06
11	33° 58.3′	128° 54.0′		43	34° 02.6′	125° 30.0′	05
12	33° 51.7′	128° 39.0′		44	34° 01.3′	125° 42.0′	04
13	34° 04.6′	128° 30.0′		45	33° 59.8′	125° 54.0′	03
14	34° 13.5′	128° 24.0′		46	33° 58.5′	126° 06.0′	02
15	34° 22.2′	128° 18.4′		47	33° 24.4′	125° 00.0′	313/02
16	34° 31.0′	128° 12.2′		48	33° 24.4′	125° 48.0′	03
17	34° 27.0′	128° 00.5′		49	33° 24.4′	125° 36.0′	04
18	34° 22.3′	127° 48.5′	205/01	50	33° 24.4′	125° 24.0′	05
19	34° 15.0′	127° 52.1′	02	51	33° 24.4′	125° 12.0′	06
20	34° 05.5′	127° 56.9′	03	52	33° 24.4′	125° 00.0′	07
21	33° 51.5′	128° 03.0′	04	53	33° 00.0′	125° 00.0′	314/10
22	33° 44.3′	128° 23.9′		54	33° 00.0′	125° 18.0′	09
23	33° 37.3′	128° 09.2′	205/05	55	33° 00.0′	125° 36.0′	08
24	33° 35.6′	127° 51.9′		56	33° 00.0′	125° 54.0′	07
25	33° 33.6′	127° 34.0′		57	33° 00.0′	126° 12.0′	06
26	33° 31.7′	127° 16.8′		58	33° 00.0′	126° 30.0′	05
27	33° 30.3′	127° 04.5′		59	33° 00.0′	126° 48.0′	04
28	33° 35.8′	127° 03.2′	204/06	60	33° 00.0′	127° 06.0′	03
29	33° 45.5′	127° 09.2′	05	61	33° 00.0′	127° 24.0′	02
30	33° 54.1′	127° 15.2′	04	62	33° 00.0′	127° 42.0′	01
31	34° 06.7′	127° 26.8′	03	63	33° 00.0′	128° 00.0′	00
32	34° 13.7′	127° 35.4′	02				

400 線 海洋觀測 成績 Oceanographic Data. Line 400

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

2 月(February)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, FEB.10.1988, 15:10 KST,
 DEPTH 118 , COLOR 3, TRANS. 19.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1024.5,
 AIR TEMP. DRY 4.9, WET , CLOUD. TYPE CS, AMT 03, WEATHER BC

0	15.50	34.800	5.42	0	15.50	34.800	5.42	25.72	227	227	0.0000
10	14.84	34.759	5.57	10	14.84	34.759	5.57	25.83	217	217	0.0222
20	15.35	34.719	5.42	20	15.35	34.719	5.42	25.69	230	230	0.0446
30	15.30	34.712	5.42	30	15.30	34.712	5.42	25.70	230	230	0.0677
50	15.31	34.705	5.42	50	15.31	34.705	5.42	25.69	230	232	0.1140
75	15.31	34.761	5.52	75	15.31	34.761	5.52	25.73	226	228	0.1715
100	15.30	34.702	5.42	100	15.30	34.702	5.42	25.69	230	233	0.2293
115	15.20	34.691	5.42								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, FEB.10.1988, 16:55 KST,
 DEPTH 105 , COLOR 3, TRANS. 17.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1025. ,
 AIR TEMP. DRY 5.0, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	16.00	34.757	5.48	0	16.00	34.757	5.48	25.57	241	241	0.0000
10	16.21	34.744	5.43	10	16.21	34.744	5.43	25.52	247	247	0.0244
20	16.21	34.738	5.33	20	16.21	34.738	5.33	25.51	247	248	0.0492
30	16.33	34.746	5.18	30	16.33	34.746	5.18	25.49	249	250	0.0741
50	16.27	34.754	5.18	50	16.27	34.754	5.18	25.51	247	249	0.1241
75	16.31	34.755	5.13	75	16.31	34.755	5.13	25.50	248	250	0.1865
100	16.31	34.739	5.13	100	16.31	34.739	5.13	25.49	249	252	0.2495

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, FEB.10.1988, 13:05 KST,
 DEPTH 100 , COLOR 3, TRANS. 16.0, WAVE NW 3, SWELL NW 2, WIND NW 3 , BARO 1027. ,
 AIR TEMP. DRY 6.0, WET , CLOUD. TYPE CS, AMT 04, WEATHER BC

0	16.19	34.731	5.37	0	16.19	34.731	5.37	25.51	247	247	0.0000
10	16.19	34.762	5.28	10	16.19	34.762	5.28	25.53	245	245	0.0246
20	16.18	34.743	5.23	20	16.18	34.743	5.23	25.52	246	247	0.0492
30	16.24	34.760	5.23	30	16.24	34.760	5.23	25.52	246	247	0.0740
50	16.22	34.758	5.28	50	16.22	34.758	5.28	25.52	246	247	0.1235
75	16.23	34.753	5.23	75	16.23	34.753	5.23	25.52	247	249	0.1856
97	16.23	34.757	4.98								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, FEB.10.1988, 11:25 KST,
 DEPTH 86 , COLOR 4, TRANS. 11.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1028.5,
 AIR TEMP. DRY 3.0, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	16.00	34.330	5.67	0	16.00	34.330	5.67	25.25	273	272	0.0000
10	16.00	34.343	5.57	10	16.00	34.343	5.57	25.26	272	272	0.0272
20	16.03	34.345	5.52	20	16.03	34.345	5.52	25.25	272	272	0.0544
30	16.01	*****	5.42	30	16.01	34.465	5.42	25.35	263	263	0.0813
50	16.00	34.707	5.33	50	16.00	34.707	5.33	25.54	245	246	0.1323
75	15.74	34.736	5.52	75	15.74	34.736	5.52	25.62	237	239	0.1931

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, FEB.10.1988, 10:25 KST,
 DEPTH 65 , COLOR 5, TRANS. 6.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1028. ,
 AIR TEMP. DRY 0.0, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	11.56	34.278	6.06	0	11.56	34.278	6.06	26.13	189	189	0.0000
10	11.57	34.406	6.16	10	11.57	34.406	6.16	26.22	180	180	0.0184
20	11.57	*****	6.01	20	11.57	34.383	6.01	26.21	181	182	0.0365
30	11.75	34.360	5.96	30	11.75	34.360	5.96	26.15	186	187	0.0550
50	11.85	34.358	6.11	50	11.85	34.358	6.11	26.13	188	189	0.0927
62	11.85	34.382	6.01								

BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, FEB.10.1988, 07:30 KST,
 DEPTH 45 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 6 , BARO 1027.5,
 AIR TEMP. DRY 0.4, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	13.14	34.444	5.72	0	13.14	34.444	5.72	25.95	206	206	0.0000
10	13.22	34.445	5.77	10	13.22	34.445	5.77	25.93	207	207	0.0206
20	13.23	34.447	5.72	20	13.23	34.447	5.72	25.93	207	208	0.0414
30	13.21	34.459	5.72	30	13.21	34.459	5.72	25.95	206	207	0.0622
42	13.22	34.483	5.77								

BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, FEB.10.1988, 08:45 KST,
 DEPTH 37 , COLOR 5, TRANS. 5.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1028. ,
 AIR TEMP. DRY 0.0, WET , CLOUD. TYPE CU, AMT 03, WEATHER BC

0	11.26	34.227	6.11	0	11.26	34.227	6.11	26.14	187	187	0.0000
10	11.32	34.232	6.01	10	11.32	34.232	6.01	26.13	188	188	0.0188
20	11.32	34.224	6.06	20	11.32	34.224	6.06	26.13	189	189	0.0377
30	11.33	34.230	6.01	30	11.33	34.230	6.01	26.13	188	189	0.0566

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, FEB.10.1988, 18:30 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1025. ,
 AIR TEMP. DRY 4.8, WET , CLOUD. TYPE CS, AMT 02, WEATHER B

0	15.04	34.703	5.42	0	15.04	34.703	5.42	25.75	225	225	0.0000
10	15.08	34.692	5.47	10	15.08	34.692	5.47	25.73	227	226	0.0226
20	15.04	34.699	5.52	20	15.04	34.699	5.52	25.74	225	225	0.0452
30	14.58	34.683	5.47	30	14.58	34.683	5.47	25.83	217	217	0.0674
50	14.14	34.624	5.47	50	14.14	34.624	5.47	25.88	212	213	0.1106
75	13.06	34.494	5.26	75	13.06	34.494	5.26	26.00	201	202	0.1626
100	12.24	34.370	5.16	100	12.24	34.370	5.16	26.07	194	197	0.2126

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, FEB.12.1988, 18:25 KST,
 DEPTH 112 , COLOR 3, TRANS. 13.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1020. ,
 AIR TEMP. DRY 9.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	16.98	34.804	5.13	0	16.98	34.804	5.13	25.38	260	259	0.0000
10	16.85	34.785	5.13	10	16.85	34.785	5.13	25.40	258	258	0.0259
20	16.83	34.771	5.08	20	16.83	34.771	5.08	25.39	259	259	0.0518
30	16.85	34.764	5.23	30	16.85	34.764	5.23	25.38	260	260	0.0778
51	16.85	34.766	5.13	50	16.85	34.765	5.13	25.38	259	261	0.1300
76	16.86	34.769	5.28	75	16.85	34.768	5.27	25.38	259	261	0.1954
101	16.78	34.781	5.28	100	16.78	34.780	5.28	25.41	257	260	0.2606
104	16.79	*****	*****								

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, FEB.12.1988, 16:30 KST,
 DEPTH 108 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1020. ,
 AIR TEMP. DRY 9.4, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	16.62	34.762	5.33	0	16.62	34.762	5.33	25.43	255	254	0.0000
10	16.82	34.802	5.23	10	16.82	34.802	5.23	25.42	256	256	0.0255
21	16.87	34.769	5.13	20	16.86	34.772	5.13	25.38	259	260	0.0514
31	16.98	34.749	5.18	30	16.96	34.751	5.17	25.34	263	264	0.0776
49	17.07	34.778	5.08	50	17.06	34.777	5.08	25.34	264	265	0.1306
75	17.02	34.768	5.13	75	17.02	34.768	5.13	25.35	263	265	0.1969
99	16.72	34.744	5.17	100	16.70	*****	*****	*****	***	***	*****
103	16.67	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, FEB.12.1988, 15:10 KST,
 DEPTH 134 , COLOR 3, TRANS. 12.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1020. ,
 AIR TEMP. DRY 9.3, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	16.70	34.769	5.48	0	16.70	34.769	5.48	25.42	256	256	0.0000
11	16.71	34.762	5.38	10	16.70	34.762	5.38	25.41	257	257	0.0256
21	16.64	34.759	5.23	20	16.64	34.759	5.24	25.43	255	256	0.0513
30	16.61	34.769	5.13	30	16.61	34.769	5.13	25.44	254	254	0.0768
50	16.67	34.738	5.18	50	16.67	34.738	5.18	25.40	257	259	0.1282
74	16.63	34.742	5.18	75	16.63	34.743	5.17	25.42	256	258	0.1930
100	16.64	34.769	5.13	100	16.64	34.769	5.13	25.44	255	257	0.2575
126	16.64	34.755	5.18	125	16.64	34.755	5.17	25.43	256	259	0.3222
129	16.63	*****	*****								

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, FEB.12.1988, 13:30 KST,
 DEPTH 130 , COLOR 3, TRANS. 11.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1022. ,
 AIR TEMP. DRY 8.1, WET , CLOUD. TYPE AS, AMT 05, WEATHER BC

0	15.38	34.696	5.52	0	15.38	34.696	5.52	25.67	233	232	0.0000
9	15.39	34.701	5.52	10	15.38	34.698	5.52	25.67	232	232	0.0232
19	15.35	34.673	5.52	20	15.34	34.671	5.51	25.66	234	234	0.0466
29	15.26	34.656	5.47	30	15.25	34.657	5.47	25.67	233	233	0.0700
50	15.05	34.692	5.57	50	15.05	34.692	5.57	25.74	226	227	0.1161
74	14.33	34.613	5.62	75	14.31	34.612	5.62	25.83	217	218	0.1719
99	13.97	34.591	5.72	100	13.96	34.590	5.71	25.89	211	214	0.2260
125	13.95	34.575	5.62	125	13.95	34.575	5.62	25.88	212	215	0.2797

4 月 (April)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, APR.10.1988, 14:40 KST,
 DEPTH 120 , COLOR 3, TRANS. 15.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1024.5,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	17.10	34.867	6.14	0	17.10	34.867	6.14	25.40	258	257	0.0000
9	15.66	34.771	6.33	10	15.67	34.772	6.31	25.66	233	233	0.0245
20	15.87	34.785	6.14	20	15.87	34.785	6.14	25.63	237	237	0.0481
31	15.69	34.750	5.91	30	15.70	34.753	5.93	25.64	235	236	0.0718
51	15.62	34.730	5.91	50	15.62	34.731	5.91	25.64	235	236	0.1191
76	15.09	34.691	5.76	75	15.11	34.692	5.76	25.72	227	229	0.1774
101	14.93	34.719	5.62	100	14.93	34.717	5.62	25.78	222	224	0.2341
118	14.77	34.719	5.76								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, APR.10.1988, 16:10 KST,
 DEPTH 110 , COLOR 3, TRANS. 16.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1024.5,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	17.40	34.833	6.05	0	17.40	34.833	6.05	25.30	267	267	0.0000
10	16.57	34.780	6.10	10	16.57	34.780	6.10	25.46	252	252	0.0259
21	15.71	34.841	6.00	20	15.78	34.835	6.00	25.68	231	231	0.0502
30	15.56	34.760	5.91	30	15.56	34.760	5.91	25.68	232	232	0.0734
49	15.17	34.778	5.97	50	15.15	34.777	5.96	25.78	222	223	0.1190
75	14.82	34.755	5.91	75	14.82	34.755	5.91	25.84	216	218	0.1743
101	14.64	34.747	5.67	100	14.64	34.747	5.67	25.87	213	216	0.2287

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, APR.10.1988, 12:45 KST,
 DEPTH 92 , COLOR 3, TRANS. 17.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1027.5,
 AIR TEMP. DRY 18.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.43	34.695	6.00	0	14.43	34.695	6.00	25.87	213	213	0.0000
11	13.97	34.693	5.95	10	14.01	34.693	5.95	25.96	205	205	0.0209
20	13.86	34.687	5.86	20	13.86	34.687	5.86	25.99	202	202	0.0412
29	13.71	34.689	5.95	30	13.69	34.687	5.94	26.02	199	199	0.0614
50	13.42	34.664	5.91	50	13.42	34.664	5.91	26.06	195	196	0.1010
74	13.39	34.639	5.76	75	13.39	34.638	5.76	26.05	196	198	0.1504
90	13.40	34.631	5.86								

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, APR.10.1988, 11:10 KST,
 DEPTH 85 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1026. ,
 AIR TEMP. DRY 15.7, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.70	34.725	6.19	0	14.70	34.725	6.19	25.84	216	216	0.0000
10	14.40	34.718	6.14	10	14.40	34.718	6.14	25.90	211	211	0.0213
20	14.28	34.768	6.06	20	14.28	34.768	6.06	25.96	205	205	0.0421
31	14.21	34.715	5.95	30	14.21	34.719	5.96	25.94	207	207	0.0628
50	13.35	34.612	5.81	50	13.35	34.612	5.81	26.04	198	199	0.1035
74	12.97	34.566	5.86	75	12.96	*****	*****	*****	***	***	*****
83	12.93	*****	*****								

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, APR.10.1988, 09:45 KST,
 DEPTH 60 , COLOR 3, TRANS. 10.0, WAVE SE 2, SWELL SE 1, WIND SE 2 , BARO 1026. ,
 AIR TEMP. DRY 15.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.55	34.704	6.38	0	14.55	34.704	6.38	25.86	215	214	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
9	14.78	34.715	6.43	10	14.69	34.713	6.41	25.83	217	217	0.0216
19	13.96	34.702	6.29	20	13.92	34.694	6.29	25.98	203	203	0.0426
29	13.56	34.622	6.29	30	13.50	34.615	6.28	26.01	200	201	0.0628
49	12.39	34.482	6.10	50	12.39	*****	*****	*****	***	***	*****
58	12.44	*****	*****								

BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, APR.10.1988, 07:05 KST,
 DEPTH 57 , COLOR 3, TRANS. 10.0, WAVE NE 2, SWELL NE 1, WIND NE 2 , BARO 1024. ,
 AIR TEMP. DRY 10.6, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	11.97	34.646	6.43	0	11.97	34.646	6.43	26.33	169	169	0.0000
11	13.67	34.685	6.29	10	13.51	34.681	6.30	26.06	196	196	0.0182
20	13.26	34.623	6.09	20	13.26	34.623	6.09	26.06	195	195	0.0378
30	13.68	34.632	6.05	30	13.68	34.632	6.05	25.98	203	203	0.0578
49	13.83	34.619	6.02								

BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, APR.10.1988, 08:20 KST,
 DEPTH 40 , COLOR 4, TRANS. 5.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1025.5,
 AIR TEMP. DRY 11.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	12.42	34.464	6.14	0	12.42	34.464	6.14	26.11	191	191	0.0000
10	12.48	34.484	6.29	10	12.48	34.484	6.29	26.11	190	190	0.0190
21	12.61	34.456	6.10	20	12.59	34.458	6.11	26.07	195	195	0.0384
30	12.63	34.491	6.10	30	12.63	34.491	6.10	26.09	193	193	0.0578
38	12.61	*****	*****								

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, APR.10.1988, 17:45 KST,
 DEPTH 105 , COLOR 3, TRANS. 13.0, WAVE SW 1, SWELL SW 1, WIND SW 2 , BARO 1024. ,
 AIR TEMP. DRY 14.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.17	34.712	6.02	0	15.17	34.712	6.02	25.73	227	227	0.0000
10	15.34	34.787	6.25	10	15.34	34.787	6.25	25.75	225	225	0.0226
19	15.62	34.651	6.14	20	15.61	34.653	6.13	25.58	241	241	0.0459
30	15.56	34.675	6.05	30	15.56	34.675	6.05	25.61	238	238	0.0699
49	14.64	34.554	6.00	50	14.62	*****	6.00	*****	***	***	*****
75	14.36	*****	6.00	75	14.36	*****	6.00	*****	***	***	*****
100	13.78	*****	5.95	100	13.78	*****	5.95	*****	***	***	*****

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, APR.15.1988, 13:35 KST,
 DEPTH 113 , COLOR 3, TRANS. 13.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1020. ,
 AIR TEMP. DRY 16.2, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.76	34.734	5.71	0	15.76	34.734	5.71	25.61	238	238	0.0000
11	15.66	34.767	5.67	10	15.66	34.764	5.67	25.65	234	234	0.0236
20	15.90	34.764	5.67	20	15.90	34.764	5.67	25.60	239	239	0.0472
30	15.89	34.748	5.57	30	15.89	34.748	5.57	25.59	240	240	0.0713
51	15.78	34.722	5.80	50	15.78	34.723	5.78	25.60	239	240	0.1194
74	15.62	34.768	5.65	75	15.60	34.768	5.64	25.67	232	234	0.1788
100	15.18	34.768	5.58	100	15.18	34.768	5.58	25.77	223	226	0.2364

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, APR.15.1988, 12:00 KST,
 DEPTH 103 , COLOR 3, TRANS. 16.0, WAVE NW 3, SWELL NW 2, WIND NW 4 , BARO 1021.5,
 AIR TEMP. DRY 16.8, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	15.04	34.740	5.76	0	15.04	34.740	5.76	25.78	222	222	0.0000
10	16.73	34.763	5.67	10	16.73	34.763	5.67	25.41	257	257	0.0239
21	16.14	34.740	5.61	20	16.19	34.742	5.61	25.52	247	247	0.0492
30	16.27	34.740	5.52	30	16.27	34.740	5.52	25.50	248	249	0.0740
49	16.31	34.744	5.57	50	16.30	34.744	5.57	25.49	249	250	0.1241
76	16.24	34.752	5.57	75	16.24	34.751	5.57	25.51	247	249	0.1866
97	15.97	34.779	5.52								

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, APR.15.1988, 10:30 KST,
 DEPTH 130 , COLOR 3, TRANS. 14.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1021.5,
 AIR TEMP. DRY 14.4, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	13.62	34.801	5.76	0	13.62	34.801	5.76	26.13	189	189	0.0000
10	13.62	34.760	5.67	10	13.62	34.760	5.67	26.09	192	192	0.0190
20	14.47	34.758	5.72	20	14.47	34.758	5.72	25.91	209	209	0.0391
30	16.92	34.761	5.67	30	16.92	34.761	5.67	25.36	261	262	0.0628
50	17.99	34.708	5.52	50	17.99	34.708	5.52	25.06	290	291	0.1182
76	18.08	34.705	5.63	75	18.07	34.705	5.62	25.04	292	294	0.1914
101	18.06	34.731	5.58	100	18.06	34.729	5.58	25.06	290	293	0.2649
125	18.04	34.750	5.43	125	18.04	34.750	5.43	25.08	288	291	0.3380

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, APR.14.1988, 13:20 KST,
 DEPTH 130 , COLOR 3, TRANS. 10.0, WAVE NW 4, SWELL NW 2, WIND NW 5 , BARO 1017.5,
 AIR TEMP. DRY 11.6, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	14.37	34.686	5.71	0	14.37	34.686	5.71	25.88	212	212	0.0000
11	14.65	34.678	5.76	10	14.62	34.678	5.75	25.82	218	218	0.0215
19	14.61	34.676	5.81	20	14.60	34.677	5.80	25.82	218	218	0.0434
30	14.59	34.692	5.76	30	14.59	34.692	5.76	25.84	216	217	0.0652
50	14.43	34.622	5.76	50	14.43	34.622	5.76	25.82	218	219	0.1089
74	14.29	34.634	5.71	75	14.28	34.633	5.71	25.86	214	216	0.1634
100	14.10	34.615	5.81	100	14.10	34.615	5.81	25.88	212	214	0.2174
125	13.84	34.625	5.86	125	13.84	34.625	5.86	25.94	206	209	0.2705

6 月(June)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, JUN.10.1988, 16:20 KST,
 DEPTH 113 , COLOR 3, TRANS. 13.0, WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1001. ,
 AIR TEMP. DRY 22.0, WET , CLOUD. TYPE CI, AMT 07, WEATHER BC

0	19.99	34.153	5.58	0	19.99	34.153	5.58	24.13	378	378	0.0000
10	19.06	34.284	5.65	10	19.06	34.284	5.65	24.47	346	346	0.0362
20	18.58	34.448	5.58	20	18.58	34.448	5.58	24.72	323	323	0.0697
30	18.36	34.470	5.27	30	18.36	34.470	5.27	24.79	316	316	0.1017
50	16.91	*****	4.92	50	16.91	34.521	4.92	25.18	279	280	0.1615
75	15.59	34.585	4.67	75	15.59	34.585	4.67	25.54	245	247	0.2274
100	15.50	34.601	4.67	100	15.50	34.601	4.67	25.57	242	245	0.2890
110	15.50	34.604	5.03								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, JUN.10.1988, 18:15 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001. ,
 AIR TEMP. DRY 22.2, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	20.73	34.319	5.33	0	20.73	34.319	5.33	24.06	385	385	0.0000
10	20.73	34.298	5.44	10	20.73	34.298	5.44	24.05	387	387	0.0386
20	20.07	34.432	5.43	20	20.07	34.432	5.43	24.33	360	361	0.0760
30	19.77	34.411	5.38	30	19.77	34.411	5.38	24.39	354	355	0.1118
50	17.96	34.603	4.93	50	17.96	34.603	4.93	24.99	297	298	0.1772
75	15.81	34.612	4.59	75	15.81	34.612	4.59	25.51	248	250	0.2458
100	15.67	34.629	4.69	100	15.67	34.629	4.69	25.55	244	246	0.3079

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, JUN.10.1988, 14:10 KST,
 DEPTH 92 , COLOR 3, TRANS. 13.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1002. ,
 ATR TEMP. DRY 21.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	18.18	33.554	5.64	0	18.18	33.554	5.64	24.14	378	378	0.0000
10	18.09	33.537	5.65	10	18.09	33.537	5.65	24.15	377	377	0.0378
20	15.94	33.908	6.04	20	15.94	33.908	6.04	24.94	302	302	0.0718
30	15.98	34.289	5.40	30	15.98	34.289	5.40	25.22	275	276	0.1007
50	15.41	34.579	4.82	50	15.41	34.579	4.82	25.57	242	243	0.1527
75	15.37	34.596	4.57	75	15.37	34.596	4.57	25.59	240	241	0.2133
90	15.37	34.606	4.67								

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, JUN.10.1988, 12:55 KST,
 DEPTH 87 , COLOR 3, TRANS. 11.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001.5,
 ATR TEMP. DRY 20.2, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	18.58	33.830	5.58	0	18.58	33.830	5.58	24.25	368	367	0.0000
10	18.49	34.303	5.79	10	18.49	34.303	5.79	24.63	331	331	0.0349
20	17.61	34.433	5.08	20	17.61	34.433	5.08	24.95	301	301	0.0666
30	16.25	34.560	4.89	30	16.25	34.560	4.89	25.37	261	262	0.0948
50	15.54	34.595	4.79	50	15.54	34.595	4.79	25.55	243	244	0.1455
75	15.54	34.579	4.67	75	15.54	34.579	4.67	25.54	244	246	0.2070
85	15.54	*****	*****								

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, JUN.10.1988, 11:50 KST,
 DEPTH 72 , COLOR 3, TRANS. 11.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1002. ,
 ATR TEMP. DRY 19.4, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	17.87	33.661	5.69	0	17.87	33.661	5.69	24.29	363	363	0.0000
10	17.13	33.666	5.94	10	17.13	33.666	5.94	24.48	346	346	0.0354
20	15.01	33.856	5.59	20	15.01	33.856	5.59	25.10	286	286	0.0671
30	14.18	33.447	5.22	30	14.18	33.447	5.22	24.97	299	300	0.0965
50	15.37	34.511	4.77	50	15.37	34.511	4.77	25.53	246	247	0.1512
65	15.41	34.478	4.67								

BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, JUN.10.1988, 09:00 KST,
 DEPTH 47 , COLOR 4, TRANS. 7.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1002. ,
 ATR TEMP. DRY 19.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	17.52	33.682	5.71	0	17.52	33.682	5.71	24.40	354	353	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	17.48	*****	5.61	10	17.48	33.689	5.61	24.41	352	352	0.0353
20	16.51	33.696	5.69	20	16.51	33.696	5.69	24.64	330	330	0.0694
30	15.85	33.746	5.49	30	15.85	33.746	5.49	24.83	312	312	0.1016
45	14.97	33.780	5.24								

BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, JUN.10.1988, 10:05 KST,
 DEPTH 39 , COLOR 4, TRANS. 7.0, WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1002. ,
 AIR TEMP. DRY 19.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	18.18	33.474	5.74	0	18.18	33.474	5.74	24.08	384	384	0.0000
10	17.39	33.542	5.84	10	17.39	33.542	5.84	24.32	361	361	0.0372
20	15.72	33.736	5.58	20	15.72	33.736	5.58	24.85	310	310	0.0708
30	15.23	33.755	5.43	30	15.23	33.755	5.43	24.98	298	299	0.1013
35	15.23	*****	*****								

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, JUN.10.1988, 20:30 KST,
 DEPTH 121 , COLOR , TRANS. , WAVE NE 1, SWELL NE 1, WIND NE 2 , BARO 1001.5,
 AIR TEMP. DRY 20.4, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	21.35	34.278	5.38	0	21.35	34.278	5.38	23.86	404	404	0.0000
10	21.35	34.275	5.33	10	21.35	34.275	5.33	23.86	404	404	0.0404
20	21.26	34.261	5.38	20	21.26	34.261	5.38	23.88	403	403	0.0809
30	20.51	34.312	5.38	30	20.51	34.312	5.38	24.12	380	381	0.1201
50	17.57	34.417	5.08	50	17.57	34.417	5.08	24.94	301	302	0.1885
75	15.45	34.568	4.67	75	15.45	34.568	4.67	25.55	243	245	0.2571
100	15.37	34.597	4.60	100	15.37	34.597	4.60	25.59	240	242	0.3181
115	15.37	34.613	4.53								

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, JUN.12.1988, 16:30 KST,
 DEPTH 101 , COLOR 3, TRANS. 12.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 999.5,
 AIR TEMP. DRY 22.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	21.52	33.393	5.24	0	21.52	33.393	5.24	23.15	473	472	0.0000
10	21.22	34.321	5.19	10	21.22	34.321	5.19	23.93	398	398	0.0435
20	20.87	34.485	5.21	20	20.87	34.485	5.21	24.15	377	377	0.0823
30	19.99	34.529	5.08	30	19.99	34.529	5.08	24.42	351	352	0.1188
50	18.53	34.600	4.93	50	18.53	34.600	4.93	24.85	310	312	0.1852
75	17.57	34.597	4.81	75	17.57	34.597	4.81	25.08	288	290	0.2606
95	16.42	34.607	4.74								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, JUN.12.1988, 15:00 KST,
 DEPTH 107 , COLOR 3, TRANS. 14.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1000.5,
 ATR TEMP. DRY 23.5, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	20.91	33.138	5.29	0	20.91	33.138	5.29	23.12	475	475	0.0000
10	20.51	34.214	5.33	10	20.51	34.214	5.33	24.04	387	387	0.0431
20	20.51	34.445	4.88	20	20.51	34.445	4.88	24.22	370	371	0.0811
30	19.68	34.372	4.90	30	19.68	34.372	4.90	24.38	355	356	0.1174
50	17.92	34.639	4.87	50	17.92	34.639	4.87	25.03	293	294	0.1825
75	17.08	34.696	4.88	75	17.08	34.696	4.88	25.28	270	272	0.2534
100	15.59	34.661	4.58	100	15.59	34.661	4.58	25.59	240	242	0.3178
105	15.54	*****	*****								

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, JUN.12.1988, 13:30 KST,
 DEPTH 122 , COLOR 3, TRANS. 15.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1000.5,
 ATR TEMP. DRY 23.2, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	21.17	33.187	5.33	0	21.17	33.187	5.33	23.09	478	478	0.0000
10	20.82	33.230	5.37	10	20.82	33.230	5.37	23.21	466	466	0.0472
20	18.09	34.066	5.37	20	18.09	34.066	5.37	24.55	339	339	0.0876
30	17.26	34.344	4.88	30	17.26	34.344	4.88	24.96	299	300	0.1196
50	16.99	34.567	4.63	50	16.99	34.567	4.63	25.20	277	278	0.1775
75	16.11	34.645	4.60	75	16.11	34.645	4.60	25.46	252	254	0.2441
100	14.88	34.628	4.55	100	14.88	34.628	4.55	25.73	227	230	0.3047
120	14.05	34.616	4.35								

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, JUN.12.1988, 11:50 KST,
 DEPTH 133 , COLOR 3, TRANS. 13.0, WAVE NW 1, SWELL NW 1, WIND NW 2 , BARO 1001. ,
 ATR TEMP. DRY 22.2, WET , CLOUD. TYPE AS, AMT 09, WEATHER C

0	20.69	34.137	5.28	0	20.69	34.137	5.28	23.94	397	397	0.0000
10	20.87	34.155	5.26	10	20.87	34.155	5.26	23.90	401	401	0.0399
20	20.21	34.235	5.36	20	20.21	34.235	5.36	24.14	378	378	0.0789
30	19.15	34.518	5.03	30	19.15	34.518	5.03	24.63	331	332	0.1145
50	17.83	34.569	4.95	50	17.83	34.569	4.95	25.00	296	297	0.1775
75	15.59	34.526	4.84	75	15.59	34.526	4.84	25.49	249	251	0.2462
100	15.54	34.580	4.69	100	15.54	34.580	4.69	25.54	244	247	0.3086
125	15.50	34.606	4.68	125	15.50	34.606	4.68	25.57	242	245	0.3702
130	15.50	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

8月(August)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, AUG.10.1988, 17:30 KST,
 DEPTH 115 , COLOR , TRANS. , WAVE NE 5, SWELL NE 3, WIND NE 6 , BARO 1001.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	28.39	31.442	4.65	0	28.39	31.442	4.65	19.62	811	811	0.0000
10	27.85	31.341	4.83	10	27.85	31.341	4.83	19.71	802	802	0.0806
20	27.42	32.607	4.96	20	27.42	32.607	4.96	20.80	697	698	0.1556
29	22.79	33.639	4.97	30	22.65	33.671	4.94	23.04	483	483	0.2147
49	20.14	34.286	4.45	50	20.06	34.291	4.44	24.22	370	372	0.3003
76	18.21	34.447	4.25	75	18.28	34.441	4.25	24.79	316	318	0.3867
101	16.59	34.448	4.00	100	16.65	34.447	4.01	25.19	278	281	0.4617
111	16.30	34.510	*****								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, AUG.10.1988, 18:55 KST,
 DEPTH 107 , COLOR , TRANS. , WAVE NE 5, SWELL NE 3, WIND NE 6 , BARO 1001.5,
 AIR TEMP. DRY 27.4, WET , CLOUD. TYPE CS, AMT 08, WEATHER C

0	28.05	31.554	4.53	0	28.05	31.554	4.53	19.81	793	792	0.0000
11	27.98	31.516	5.06	10	27.98	31.519	5.01	19.80	793	793	0.0793
20	27.74	32.682	4.98	20	27.74	32.682	4.98	20.76	702	702	0.1541
31	23.81	33.717	5.08	30	24.16	33.622	5.07	22.57	528	529	0.2156
51	17.40	34.126	4.67	50	17.72	34.105	4.69	24.67	327	329	0.3015
77	15.45	34.356	4.31	75	15.60	34.338	4.33	25.34	263	265	0.3758
103	14.91	34.498	4.07	100	14.97	34.481	4.09	25.59	240	242	0.4393

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, AUG.10.1988, 14:15 KST,
 DEPTH 84 , COLOR 3, TRANS. 12.0, WAVE NE 5, SWELL NE 3, WIND NE 6 , BARO 1002.5,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	27.88	32.123	4.62	0	27.88	32.123	4.62	20.29	746	746	0.0000
10	25.92	33.080	4.86	10	25.92	33.080	4.86	21.63	618	618	0.0682
20	24.38	33.075	5.01	20	24.38	33.075	5.01	22.09	574	574	0.1278
30	22.40	33.073	4.98	30	22.40	33.073	4.98	22.66	519	520	0.1826
50	16.38	*****	4.65	50	16.38	33.647	4.65	24.64	331	332	0.2678
75	16.02	34.366	4.31	75	16.02	34.366	4.31	25.27	270	272	0.3434

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, AUG.10.1988, 13:00 KST,
 DEPTH 84 , COLOR 3, TRANS. 12.0, WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1004. ,
 AIR TEMP. DRY 27.2, WET , CLOUD. TYPE CI, AMT 03, WEATHER BC

0	27.31	32.042	4.76	0	27.31	32.042	4.76	20.41	735	734	0.0000
12	26.67	32.948	4.91	10	26.77	32.797	4.88	21.15	664	664	0.0699
20	25.85	32.899	5.00	20	25.85	32.899	5.00	21.51	629	629	0.1346
32	24.18	33.072	4.81	30	24.45	33.043	4.84	22.04	578	579	0.1951
51	17.59	34.205	4.40	50	17.93	34.145	4.42	24.65	329	331	0.2861
76	14.49	34.475	4.05	75	14.61	34.464	4.06	25.66	234	235	0.3570

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, AUG.10.1988, 12:00 KST,
 DEPTH 73 , COLOR 3, TRANS. 12.0, WAVE NE 4, SWELL NE 2, WIND NE 5 , BARO 1004.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	27.95	32.706	4.75	0	27.95	32.706	4.75	20.71	706	706	0.0000
9	27.85	32.789	4.81	10	27.78	32.790	4.80	20.82	695	695	0.0701
20	27.11	32.805	4.76	20	27.11	32.805	4.76	21.05	673	674	0.1386
30	21.64	33.873	4.51	30	21.64	33.873	4.51	23.48	441	442	0.1944
51	16.58	34.438	4.23	50	16.82	34.411	4.24	25.12	285	286	0.2672
70	16.01	34.447	3.97								

BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, AUG.10.1988, 09:20 KST,
 DEPTH 48 , COLOR , TRANS. , WAVE NE 2, SWELL NE 1, WIND NE 3 , BARO 1005.5,
 AIR TEMP. DRY 27.1, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	24.45	32.707	4.76	0	24.45	32.707	4.76	21.79	602	602	0.0000
10	23.90	32.677	4.98	10	23.90	32.677	4.98	21.93	589	589	0.0595
20	23.10	32.668	4.73	20	23.10	32.668	4.73	22.16	567	568	0.1174
30	21.85	32.953	4.55	30	21.85	32.953	4.55	22.72	513	514	0.1715
46	16.57	34.005	4.02								

BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, AUG.10.1988, 10:25 KST,
 DEPTH 39 , COLOR 3, TRANS. 13.0, WAVE NE 2, SWELL NE 1, WIND NE 4 , BARO 1006. ,
 AIR TEMP. DRY 26.2, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	26.26	32.887	4.68	0	26.26	32.887	4.68	21.38	642	642	0.0000
10	26.30	32.752	4.90	10	26.30	32.752	4.90	21.26	653	653	0.0647
20	24.99	32.722	4.67	20	24.99	32.722	4.67	21.64	617	617	0.1283
30	23.96	32.940	4.43	30	23.96	32.940	4.43	22.11	572	572	0.1878
35	22.64	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, AUG.10.1988, 19:20 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE NE 5, SWELL NE 3, WIND NE 6 , BARO 1001.5,
 AIR TEMP. DRY 27.5, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	28.78	31.277	4.55	0	28.78	31.277	4.55	19.36	835	835	0.0000
10	28.70	31.257	4.67	10	28.70	31.257	4.67	19.38	834	834	0.0835
21	28.75	33.400	5.11	20	28.74	33.205	5.07	20.82	696	696	0.1600
30	24.35	33.973	5.02	30	24.35	33.973	5.02	22.78	508	509	0.2203
50	17.89	34.284	4.60	50	17.89	34.284	4.60	24.77	318	320	0.3032
77	15.46	34.287	4.30	75	15.64	34.286	4.32	25.29	268	270	0.3770
102	14.84	34.527	4.14	100	14.88	34.507	4.15	25.63	236	238	0.4407

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, AUG.17.1988, 00:20 KST,
 DEPTH 105 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1001.5,
 AIR TEMP. DRY 26.2, WET , CLOUD. TYPE NS, AMT 10, WEATHER C

0	28.79	32.294	4.57	0	28.79	32.294	4.57	20.12	763	762	0.0000
12	28.10	32.209	4.66	10	28.21	32.223	4.64	20.26	749	749	0.0756
20	28.13	33.901	5.03	20	28.13	33.901	5.03	21.54	626	626	0.1444
30	26.05	34.256	4.82	30	26.05	34.256	4.82	22.47	537	538	0.2027
50	18.80	34.392	4.27	50	18.80	34.392	4.27	24.62	332	333	0.2899
74	17.13	34.232	4.06	75	17.04	34.233	4.06	24.93	303	305	0.3697
102	14.84	34.287	4.27	100	15.00	34.283	4.25	25.43	255	257	0.4401

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, AUG.16.1988, 22:45 KST,
 DEPTH 108 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1001.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	28.82	31.876	4.55	0	28.82	31.876	4.55	19.80	794	793	0.0000
12	27.99	31.857	4.63	10	28.12	31.860	4.61	20.01	773	773	0.0783
19	28.05	32.090	4.85	20	27.82	32.254	4.84	20.41	735	735	0.1538
31	25.30	34.058	4.81	30	25.52	33.894	4.81	22.36	548	548	0.2180
52	18.44	34.357	4.40	50	19.09	34.328	4.43	24.50	344	345	0.3074
75	15.87	34.392	4.20	75	15.87	34.392	4.20	25.32	265	267	0.3841
100	14.91	34.422	4.30	100	14.91	34.422	4.30	25.56	243	245	0.4482

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, AUG.16.1988, 21:15 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1001.5,
 AIR TEMP. DRY 27.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	28.21	31.683	4.65	0	28.21	31.683	4.65	19.85	788	788	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
12	28.17	31.723	4.99	10	28.17	31.716	4.93	19.89	785	785	0.0786
19	28.19	32.026	4.99	20	27.47	32.175	4.99	20.46	730	730	0.1544
31	19.58	33.821	5.06	30	20.29	33.671	5.05	23.69	421	422	0.2121
51	17.44	34.250	4.76	50	17.54	34.228	4.77	24.81	314	316	0.2859
75	14.83	34.413	4.23	75	14.83	34.413	4.23	25.57	242	243	0.3559
101	14.64	34.392	4.32	100	14.64	34.392	4.31	25.59	239	242	0.4167

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, AUG.16.1988, 19:35 KST,
 DEPTH 124 , COLOR , TRANS. , WAVE SE 2, SWELL SE 1, WIND SE 3 , BARO 1000. ,
 AIR TEMP. DRY 26.9, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	26.24	30.993	4.81	0	26.24	30.993	4.81	19.96	778	778	0.0000
11	23.73	31.632	4.88	10	23.95	31.573	4.87	21.08	670	670	0.0724
21	27.97	32.697	4.96	20	23.04	32.590	4.95	22.11	571	572	0.1345
29	19.83	33.366	5.11	30	19.70	33.381	5.09	23.62	427	428	0.1846
51	17.04	33.714	4.80	50	17.16	33.698	4.81	24.49	344	346	0.2620
76	15.94	34.234	4.55	75	15.98	34.213	4.56	25.16	281	283	0.3407
101	14.98	34.308	4.43	100	15.01	34.305	4.43	25.45	254	256	0.4081
121	14.33	34.383	4.20								

10月(October)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, OCT.15.1988, 21:05 KST,
 DEPTH 115 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1015. ,
 AIR TEMP. DRY 20.2, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	22.43	34.041	4.92	0	22.43	34.041	4.92	23.39	450	450	0.0000
9	22.50	33.963	4.98	10	22.51	33.969	4.99	23.31	457	458	0.0454
19	22.68	34.023	5.11	20	22.78	34.013	5.10	23.26	462	462	0.0914
30	23.86	33.919	5.04	30	23.86	33.919	5.04	22.88	498	499	0.1395
50	24.38	33.883	4.51	50	24.38	33.883	4.51	22.70	515	517	0.2411
74	20.89	33.866	4.28	75	20.75	33.878	4.26	23.72	418	420	0.3583
99	17.61	34.181	3.78	100	17.58	34.193	3.77	24.77	318	321	0.4510
113	17.31	34.351	3.75								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, OCT.15.1988, 22:45 KST,
 DEPTH 105 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1015.5,
 AIR TEMP. DRY 21.0, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	25.58	34.218	4.84	0	25.58	34.218	4.84	22.59	526	526	0.0000
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OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
10	25.60	34.231	4.98	10	25.60	34.231	4.98	22.59	526	526	0.0526
20	25.89	34.227	4.92	20	25.89	34.227	4.92	22.50	534	535	0.1056
31	25.86	34.313	4.59	30	25.86	34.305	4.62	22.57	528	529	0.1588
50	19.60	*****	3.88	50	19.60	34.285	3.88	24.34	359	361	0.2479
75	17.70	34.250	4.09	75	17.70	34.250	4.09	24.79	316	318	0.3328
100	17.18	34.256	3.93	100	17.18	34.256	3.93	24.92	304	307	0.4111

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, OCT.15.1988, 18:10 KST,
 DEPTH 92 , COLOR 4, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1014.5,
 AIR TEMP. DRY 19.6, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	21.77	33.925	5.19	0	21.77	33.925	5.19	23.48	441	440	0.0000
9	21.75	33.918	5.28	10	21.80	33.914	5.26	23.46	442	442	0.0441
20	22.37	33.883	5.11	20	22.37	33.883	5.11	23.28	460	460	0.0893
30	23.44	34.063	4.68	30	23.44	34.063	4.68	23.11	476	477	0.1362
51	21.46	34.209	3.98	50	21.55	34.202	4.01	23.75	415	416	0.2256
74	17.43	34.462	3.59	75	17.42	34.464	3.59	25.02	294	296	0.3148
90	17.31	34.497	3.70								

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, OCT.15.1988, 17:05 KST,
 DEPTH 69 , COLOR 4, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1014.5,
 AIR TEMP. DRY 19.8, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	21.43	33.764	5.16	0	21.43	33.764	5.16	23.45	443	443	0.0000
10	23.27	33.734	5.13	10	23.27	33.734	5.13	22.91	495	495	0.0469
20	23.77	33.734	5.04	20	23.77	33.734	5.04	22.77	509	509	0.0972
30	24.12	33.939	4.77	30	24.12	33.939	4.77	22.82	504	505	0.1479
51	18.45	34.427	3.83	50	18.72	34.403	3.87	24.65	329	330	0.2315
61	17.88	*****	3.65								

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, OCT.15.1988, 16:05 KST,
 DEPTH 75 , COLOR 4, TRANS. 9.0, WAVE NW 2, SWELL NW 1, WIND NW 4 , BARO 1015. ,
 AIR TEMP. DRY 20.6, WET , CLOUD. TYPE CI, AMT 02, WEATHER B

0	21.69	33.476	5.04	0	21.69	33.476	5.04	23.16	471	471	0.0000
9	21.74	33.510	5.07	10	21.76	33.534	5.05	23.19	469	469	0.0470
21	22.05	33.805	4.89	20	22.02	33.780	4.90	23.30	458	458	0.0934
30	24.57	34.283	4.60	30	24.57	34.283	4.60	22.95	492	493	0.1410
50	20.00	34.345	3.68	50	20.00	34.345	3.68	24.28	365	366	0.2269
72	15.00	*****	*****								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, OCT.15.1988, 12:10 KST,
 DEPTH 45 , COLOR 4, TRANS. 9.0, WAVE NW 1, SWELL NW 1, WIND NW 3 , BARO 1015.5,
 AIR TEMP. DRY 19.7, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	22.17	33.733	4.98	0	22.17	33.733	4.98	23.23	465	465	0.0000
11	22.34	33.753	4.94	10	22.32	33.751	4.94	23.20	468	468	0.0466
20	24.93	33.732	4.89	20	24.93	33.732	4.89	22.42	542	542	0.0972
30	24.96	33.748	4.82	30	24.96	33.748	4.82	22.43	542	542	0.1515
42	20.27	34.049	4.18								

BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, OCT.15.1988, 13:50 KST,
 DEPTH 44 , COLOR 4, TRANS. 12.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1014.5,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 01, WEATHER B

0	24.40	33.720	4.84	0	24.40	33.720	4.84	22.57	528	527	0.0000
11	25.03	33.803	4.84	10	24.97	33.795	4.84	22.46	539	539	0.0533
19	25.31	33.781	4.87	20	25.30	33.779	4.86	22.34	549	550	0.1078
30	25.29	33.769	4.84	30	25.29	33.769	4.84	22.34	550	550	0.1628
40	21.68	33.781	4.01								

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, OCT.16.1988, 00:15 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1015. ,
 AIR TEMP. DRY 20.6, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	21.56	34.115	5.19	0	21.56	34.115	5.19	23.68	421	421	0.0000
10	21.86	34.074	4.97	10	21.86	34.074	4.97	23.57	432	432	0.0427
20	22.09	34.082	4.92	20	22.09	34.082	4.92	23.51	438	438	0.0863
31	22.17	34.533	4.58	30	22.16	34.492	4.61	23.80	410	411	0.1288
50	19.25	34.444	3.78	50	19.25	34.444	3.78	24.55	339	340	0.2040
76	15.31	34.316	3.83	75	15.46	34.320	3.82	25.36	262	263	0.2796
100	15.26	34.082	3.69	100	15.26	34.082	3.69	25.22	275	277	0.3473

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, OCT.17.1988, 18:50 KST,
 DEPTH 113 , COLOR , TRANS. , WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE AS, AMT 10, WEATHER C

0	24.94	34.098	4.98	0	24.94	34.098	4.98	22.70	516	516	0.0000
10	26.29	34.014	4.98	10	26.29	34.014	4.98	22.22	562	562	0.0539
20	26.35	34.104	5.04	20	26.35	34.104	5.04	22.27	557	557	0.1099

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
29	26.36	34.082	4.86	30	26.27	34.092	4.81	22.28	555	556	0.1656
51	24.43	34.309	3.88	50	24.51	34.298	3.92	22.97	489	491	0.2704
75	19.51	34.144	3.86	75	19.51	34.144	3.86	24.25	367	369	0.3780
100	17.31	34.183	4.05	100	17.31	34.183	4.05	24.83	312	315	0.4636
111	17.11	*****	*****								

BUSAN 852 , STATION 400-25 , 33-33.6. N, 127-34.0. E, OCT.17.1988, 17:20 KST,
 DEPTH 110 , COLOR 4, TRANS. 11.0, WAVE NW 2, SWELL NW 1, WIND NW 3 , BARO 1012. ,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE CI, AMT 05, WEATHER BC

0	25.56	34.045	5.02	0	25.56	34.045	5.02	22.47	538	537	0.0000
11	25.41	33.972	4.97	10	25.42	33.978	4.97	22.46	539	539	0.0538
20	25.81	33.999	4.89	20	25.81	33.999	4.89	22.35	548	549	0.1082
30	25.59	33.940	4.92	30	25.59	33.940	4.92	22.38	546	547	0.1631
51	24.75	33.959	4.03	50	24.79	33.958	4.07	22.63	522	523	0.2701
75	19.03	34.176	3.87	75	19.03	34.176	3.87	24.40	353	355	0.3800
99	17.19	34.127	4.09	100	17.15	*****	*****	*****	***	***	*****
108	16.91	*****	*****								

BUSAN 852 , STATION 400-26 , 33-31.7. N, 127-16.8. E, OCT.17.1988, 15:50 KST,
 DEPTH 112 , COLOR 4, TRANS. 11.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1012.5,
 AIR TEMP. DRY 20.8, WET , CLOUD. TYPE CI, AMT 06, WEATHER BC

0	23.44	34.160	4.86	0	23.44	34.160	4.86	23.19	469	469	0.0000
10	24.65	34.164	4.78	10	24.65	34.164	4.78	22.83	503	503	0.0486
19	24.85	34.160	4.81	20	24.88	34.159	4.80	22.76	510	510	0.0993
30	25.27	34.155	4.78	30	25.27	34.155	4.78	22.64	521	522	0.1509
50	25.02	34.164	4.18	50	25.02	34.164	4.18	22.72	513	515	0.2547
75	15.09	33.965	3.98	75	15.09	33.965	3.98	25.17	280	282	0.3544
100	14.96	33.951	4.18	100	14.96	33.951	4.18	25.19	278	281	0.4248
110	14.96	*****	*****								

BUSAN 852 , STATION 400-27 , 33-30.3. N, 127-04.5. E, OCT.17.1988, 13:40 KST,
 DEPTH 135 , COLOR 4, TRANS. 11.0, WAVE NW 3, SWELL NW 2, WIND NW 5 , BARO 1013. ,
 AIR TEMP. DRY 20.0, WET , CLOUD. TYPE CI, AMT 04, WEATHER BC

0	23.39	34.045	4.94	0	23.39	34.045	4.94	23.11	476	476	0.0000
11	23.25	33.980	4.98	10	23.26	33.985	4.97	23.11	477	477	0.0476
21	22.03	33.992	4.84	20	22.15	33.990	4.85	23.43	446	446	0.0938
30	19.43	33.914	4.61	30	19.43	33.914	4.61	24.10	382	383	0.1353

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
50	18.25	34.080	4.07	50	18.25	34.080	4.07	24.52	342	343	0.2080
75	15.96	34.238	3.85	75	15.96	34.238	3.85	25.19	278	280	0.2860
101	15.88	34.274	4.08	100	15.88	34.272	4.07	25.23	274	277	0.3557
125	15.45	34.234	4.49	125	15.45	34.234	4.49	25.30	268	271	0.4243
129	15.46	*****	*****								

12月(December)

BUSAN 852 , STATION 400-11 , 33-58.3. N, 128-54.0. E, DEC.12.1988, 16:40 KST,
 DEPTH 118 , COLOR 3, TRANS. 10.0, WAVE SW 3, SWELL SW 1, WIND S 4 , BARO 1020. ,
 AIR TEMP. DRY 14.2, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	17.92	34.552	5.14	0	17.92	34.552	5.14	24.96	300	299	0.0000
10	19.03	34.487	5.14	10	19.03	34.487	5.14	24.64	331	331	0.0315
21	19.58	34.437	5.26	20	19.53	34.441	5.24	24.47	346	346	0.0654
29	19.22	34.225	5.07	30	19.13	34.223	5.06	24.41	352	353	0.1004
51	17.39	34.187	5.06	50	17.47	34.188	5.06	24.79	316	317	0.1675
75	17.26	34.234	4.89	75	17.26	34.234	4.89	24.88	307	309	0.2459
101	17.10	34.225	4.71	100	17.10	34.225	4.71	24.91	305	307	0.3231
116	16.83	34.241	4.58								

BUSAN 852 , STATION 400-12 , 33-51.7. N, 128-39.0. E, DEC.12.1988, 18:20 KST,
 DEPTH 108 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1020. ,
 AIR TEMP. DRY 13.8, WET , CLOUD. TYPE AS, AMT 07, WEATHER BC

0	18.46	34.510	5.08	0	18.46	34.510	5.08	24.80	315	315	0.0000
9	18.64	34.503	5.03	10	18.69	34.502	5.04	24.73	321	321	0.0318
20	19.21	34.498	5.15	20	19.21	34.498	5.15	24.60	334	335	0.0647
31	19.93	34.516	5.16	30	19.86	34.514	5.15	24.44	349	350	0.0989
51	20.73	34.525	5.03	50	20.69	34.524	5.03	24.23	369	371	0.1711
76	20.78	34.496	5.14	75	20.77	34.497	5.13	24.19	373	376	0.2645
100	19.63	34.505	4.90	100	19.63	34.505	4.90	24.50	344	347	0.3549

BUSAN 852 , STATION 400-13 , 34-04.6. N, 128-30.0. E, DEC.12.1988, 14:28 KST,
 DEPTH 87 , COLOR 3, TRANS. 18.0, WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1020. ,
 AIR TEMP. DRY 14.5, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC

0	18.43	34.490	5.20	0	18.43	34.490	5.20	24.79	316	316	0.0000
11	20.65	34.490	5.28	10	20.44	34.490	5.27	24.27	366	366	0.0341
20	20.98	34.541	5.15	20	20.98	34.541	5.15	24.17	376	376	0.0712

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY
31	21.01	34.504	5.07	30	21.00	34.507	5.07	24.13	379	379	0.1090
51	21.03	34.526	5.00	50	21.02	34.524	5.00	24.14	378	379	0.1850
76	18.21	34.539	4.82	75	18.32	34.538	4.82	24.85	310	312	0.2715
82	18.15	34.556	4.42								

BUSAN 852 , STATION 400-14 , 34-13.5. N, 128-24.0. E, DEC.12.1988, 13:30 KST,
 DEPTH 82 , COLOR 3, TRANS. 13.0, WAVE SW 2, SWELL 0, WIND S 3 , BARO 1021. ,
 AIR TEMP. DRY 13.2, WET , CLOUD. TYPE AC, AMT 05, WEATHER BC

0	17.63	34.536	5.15	0	17.63	34.536	5.15	25.02	294	294	0.0000
10	18.43	34.475	5.12	10	18.43	34.475	5.12	24.78	317	317	0.0305
21	19.35	34.380	5.12	20	19.26	34.388	5.12	24.50	344	344	0.0636
30	19.13	34.122	5.16	30	19.13	34.122	5.16	24.33	360	360	0.0989
51	17.90	34.064	5.17	50	17.95	34.066	5.16	24.58	336	337	0.1687
76	17.46	34.050	5.21	75	17.47	34.050	5.20	24.69	326	328	0.2519

BUSAN 852 , STATION 400-15 , 34-22.2. N, 128-18.4. E, DEC.12.1988, 12:30 KST,
 DEPTH 74 , COLOR 4, TRANS. 8.0, WAVE SE 2, SWELL SE 1, WIND S 3 , BARO 1020.5,
 AIR TEMP. DRY 13.2, WET , CLOUD. TYPE CC, AMT 03, WEATHER BC

0	15.49	34.339	5.43	0	15.49	34.339	5.43	25.37	261	261	0.0000
11	16.45	34.168	5.52	10	16.36	34.183	5.51	25.05	291	291	0.0276
19	16.72	34.234	5.40	20	16.72	34.231	5.39	25.00	296	296	0.0570
31	16.79	34.207	5.34	30	16.78	34.209	5.34	24.97	299	299	0.0868
51	16.32	34.070	5.26	50	16.34	34.076	5.26	24.97	298	300	0.1468
70	15.46	34.079	5.07								

BUSAN 852 , STATION 400-16 , 34-31.0. N, 128-12.2. E, DEC.12.1988, 10:00 KST,
 DEPTH 50 , COLOR 5, TRANS. 4.0, WAVE S 1, SWELL 0, WIND S 2 , BARO 1021.5,
 AIR TEMP. DRY 11.4, WET , CLOUD. TYPE CC, AMT 02, WEATHER B

0	10.44	34.075	5.92	0	10.44	34.075	5.92	26.17	185	185	0.0000
10	10.43	34.062	5.84	10	10.43	34.062	5.84	26.16	186	186	0.0185
19	10.44	34.082	5.85	20	10.68	34.086	5.83	26.14	188	188	0.0372
30	13.16	34.130	5.72	30	13.16	34.130	5.72	25.70	229	230	0.0582
48	12.42	34.047	5.66								

OBSERVED				INTERPOLATED				CALCULATED			
DEPTH	TEMP	SAL	02	DEPTH	TEMP	SAL	02	SIGMA-T	D-T	SVA	D-DY

BUSAN 852 , STATION 400-17 , 34-27.0. N, 128-00.5. E, DEC.12.1988, 11:03 KST,
 DEPTH 43 , COLOR 5, TRANS. 3.5, WAVE SW 1, SWELL 0, WIND SW 2 , BARO 1021.5,
 ATR TEMP. DRY 12.4, WET , CLOUD. TYPE CC, AMT 05, WEATHER BC

0	11.76	34.027	5.80	0	11.76	34.027	5.80	25.89	211	211	0.0000
10	13.25	34.031	5.65	10	13.25	34.031	5.65	25.61	238	238	0.0224
21	13.11	34.045	5.68	20	13.12	34.043	5.67	25.64	235	235	0.0462
31	14.36	34.041	5.64	30	14.23	34.041	5.64	25.41	257	257	0.0708
39	14.51	34.037	5.58								

BUSAN 852 , STATION 400-22 , 33-44.3. N, 128-23.9. E, DEC.12.1988, 19:55 KST,
 DEPTH 110 , COLOR , TRANS. , WAVE SW 4, SWELL SW 1, WIND SW 4 , BARO 1020.5,
 ATR TEMP. DRY 14.2, WET , CLOUD. TYPE , AMT 07, WEATHER BC

0	18.29	34.508	5.14	0	18.29	34.508	5.14	24.84	311	311	0.0000
10	19.85	34.513	5.16	10	19.85	34.513	5.16	24.44	349	349	0.0330
19	20.93	34.557	5.02	20	20.95	34.556	5.03	24.18	374	374	0.0692
28	21.14	34.552	5.16	30	21.14	34.549	5.15	24.13	379	380	0.1069
51	21.23	34.518	5.14	50	21.22	34.519	5.14	24.08	383	385	0.1835
76	21.12	34.562	4.93	75	21.12	34.560	4.93	24.14	378	380	0.2792
100	18.80	34.580	4.45	100	18.80	34.580	4.45	24.77	318	321	0.3670

BUSAN 852 , STATION 400-24 , 33-35.6. N, 127-51.9. E, DEC.18.1988, 17:40 KST,
 DEPTH 127 , COLOR , TRANS. , WAVE W 2, SWELL W 1, WIND W 2 , BARO 1023.5,
 ATR TEMP. DRY 11.4, WET , CLOUD. TYPE AS, AMT 08, WEATHER C

0	18.69	34.576	5.24	0	18.69	34.576	5.24	24.79	316	316	0.0000
10	18.51	34.519	5.22	10	18.51	34.519	5.22	24.79	316	316	0.0316
22	18.33	34.534	5.13	20	18.36	34.531	5.14	24.84	311	312	0.0630
30	18.32	34.535	5.18	30	18.32	34.535	5.18	24.85	310	311	0.0942
50	18.31	34.515	5.29	50	18.31	34.515	5.29	24.84	311	313	0.1566
75	18.30	34.515	5.08	75	18.30	34.515	5.08	24.84	311	313	0.2350
100	18.25	34.520	5.10	100	18.25	34.520	5.10	24.86	310	312	0.3133
124	15.96	34.512	4.75								

영 양 염 성 적 표

Nutrient Salts Data, Line 207

Month		Feb.			Apr.		
Station		01	03	05	01	03	05
Date		9	9	9	4	9	9
Time		16:00	17:15	19:45	17:15	18:35	20:15
Bottom Depth		83	114	160	83	120	168
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.294	0.504	0.434	0.341	0.295	0.295
	20m	0.528	0.434	—	0.318	0.178	0.271
	50m	0.668	0.434	0.388	0.388	0.248	0.271
	Bottom	0.551	0.434	—	0.318	0.225	0.295
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.694	0.317	0.328	0.151	0.239	0.317
	20m	0.472	0.439	—	0.262	0.118	0.239
	50m	0.550	0.483	0.217	0.406	0.184	0.262
	Bottom	0.771	0.483	—	0.195	0.162	0.339
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	4.834	—	4.222	0.678	0.140	1.170
	20m	2.642	3.229	—	0.241	—	0.753
	50m	2.792	3.943	1.069	1.340	0.221	0.893
	Bottom	3.549	—	—	0.014	—	1.208

Month		June			Aug.		
Station		01	03	05	01	03	05
Date		6	6	6	8	8	8
Time		16:05	17:40	19:10	17:15	19:00	20:30
Bottom Depth		83	117	168	83	116	160
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.121	0.048	0.001	0.198	0.302	—
	20m	0.193	0.078	0.048	0.325	0.615	0.278
	50m	0.314	0.097	0.193	1.334	0.426	0.556
	Bottom	0.314	0.531	0.580	1.999	1.244	1.021
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.071	0.024	0.024	0.210	0.153	—
	20m	0.276	0.087	0.024	0.205	0.221	0.216
	50m	0.307	0.165	0.039	0.127	0.314	0.253
	Bottom	0.212	0.087	0.087	0.245	0.200	0.253
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.268	0.701	0.169	2.316	2.884	—
	20m	2.528	0.203	4.424	2.153	5.212	2.154
	50m	2.836	0.754	8.616	13.283	3.134	4.870
	Bottom	8.636	16.207	10.500	19.548	14.449	10.884

Month		Oct.			Dec.		
Station		01	03	05	01	03	05
Date		10	10	10	6	6	6
Time		16:50	18:15	20:00	17:05	19:05	20:40
Bottom Depth		85	117	160	83	110	165
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.169	0.194	0.160	0.734	0.496	0.323
	20m	0.244	0.125	0.239	0.595	0.387	0.392
	50m	0.957	0.209	0.714	0.764	0.521	0.471
	Bottom	1.120	1.056	0.917	0.635	0.729	1.408
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.208	0.053	0.044	0.437	0.247	0.227
	20m	0.544	0.075	0.059	0.271	0.184	0.367
	50m	0.177	0.166	0.121	0.771	0.175	0.389
	Bottom	0.199	0.162	0.094	0.363	0.363	0.286
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.609	0.906	—	6.546	4.125	1.392
	20m	1.528	0.363	0.615	5.383	6.324	1.537
	50m	8.099	1.882	7.018	10.198	7.899	4.173
	Bottom	10.043	9.275	7.259	5.908	5.813	13.531

영 양 염 성 적 표

Nutrient Salts Data, Line 206

Month		Feb.			Apr.		
Station		01	03	05	01	03	05
Date		10	10	10	10	10	10
Time		05:25	03:10	00:15	04:55	02:50	00:30
Bottom Depth		69	102	128	60	100	132
PO ₄ -P (μ g-at./ ℓ)	0m	0.528	0.364	0.388	0.295	0.155	0.271
	20m	0.551	0.341	0.364	0.271	0.411	0.248
	50m	0.551	0.528	0.598	—	0.318	0.155
	Bottom	0.481	0.341	0.411	—	0.388	0.341
NO ₂ -N (μ g-at./ ℓ)	0m	0.461	0.239	0.450	0.095	0.206	0.173
	20m	0.538	0.217	0.328	0.151	0.505	0.151
	50m	0.505	0.328	—	0.095	0.372	0.095
	Bottom	0.505	0.162	0.450	—	0.461	0.206
NO ₃ -N (μ g-at./ ℓ)	0m	3.540	3.920	2.142	2.020	2.256	2.483
	20m	3.782	3.223	1.350	2.025	2.755	2.421
	50m	3.000	—	—	2.022	2.582	2.275
	Bottom	4.599	3.962	2.272	—	2.733	2.616

Month		June			Aug.		
Station		01	03	05	01	03	05
Date		7	7	6	9	9	9
Time		04:00	02:00	23:40	05:25	03:20	00:30
Bottom Depth		69	96	132	73	100	120
PO ₄ -P (μ g-at./ ℓ)	0m	0.145	0.001	0.145	0.274	0.195	0.265
	20m	0.145	—	0.073	0.660	0.217	0.226
	50m	0.242	0.145	0.145	1.218	1.264	0.261
	Bottom	0.266	0.169	0.193	1.175	1.010	0.682
NO ₂ -N (μ g-at./ ℓ)	0m	0.323	0.071	0.055	0.123	0.126	0.167
	20m	0.401	—	0.071	0.282	0.145	0.262
	50m	0.480	0.134	0.213	0.223	0.136	0.204
	Bottom	0.512	0.118	0.102	0.235	0.156	0.132
NO ₃ -N (μ g-at./ ℓ)	0m	1.128	0.316	0.719	0.890	0.296	—
	20m	1.871	—	0.070	0.549	2.296	2.696
	50m	2.953	17.224	8.540	12.715	12.862	1.302
	Bottom	3.985	12.890	14.161	11.789	10.582	6.512

Month		Oct.			Dec.		
Station		01	03	05	01	03	05
Date		11	11	11	7	7	7
Time		04:30	02:18	00:15	06:35	04:20	02:00
Bottom Depth		75	103	138	75	105	135
PO ₄ -P (μ g-at./ ℓ)	0m	0.234	0.115	0.457	0.526	0.367	0.462
	20m	0.368	0.095	0.165	0.377	0.382	0.353
	50m	0.595	0.620	0.556	0.501	0.645	0.273
	Bottom	—	0.685	0.799	0.922	0.789	0.709
NO ₂ -N (μ g-at./ ℓ)	0m	0.236	0.062	0.123	0.441	0.317	0.483
	20m	0.430	0.059	0.131	0.363	0.269	1.785
	50m	0.208	0.073	0.107	0.413	0.339	0.363
	Bottom	—	0.099	0.094	0.406	0.557	0.160
NO ₃ -N (μ g-at./ ℓ)	0m	0.533	0.494	0.590	6.969	2.916	3.097
	20m	1.736	0.331	0.582	5.908	6.286	3.394
	50m	4.611	4.201	6.488	4.101	4.318	4.341
	Bottom	—	3.344	7.436	6.577	6.663	10.003

영 양 염 성 적 표

Nutrient Salts Data, Line 205

Month		Feb.			Apr.		
Station		01	03	05	01	03	05
Date		11	10	10	11	10	10
Time		01:45	23:10	20:05	00:20	22:20	19:20
Bottom Depth		51	79	112	52	84	120
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.481	0.504	0.341	0.362	0.290	0.073
	20m	0.691	0.551	0.201	0.435	0.266	0.048
	50m	0.551	0.318	0.318	0.386	0.290	0.048
	Bottom	—	0.434	0.434	—	0.290	0.145
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.295	0.140	0.129	0.213	0.107	0.192
	20m	0.406	0.262	0.140	0.341	0.085	0.213
	50m	0.339	0.184	0.129	0.213	0.149	0.213
	Bottom	—	0.184	0.118	—	0.107	0.192
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.960	2.810	1.320	1.630	2.840	2.390
	20m	2.450	4.254	3.822	3.280	1.990	2.450
	50m	2.160	2.374	2.463	2.183	2.482	2.070
	Bottom	—	0.024	5.280	—	2.056	1.621

Month		June			Aug.		
Station		01	03	05	01	03	05
Date		11	11	10	11	11	10
Time		03:00	01:05	22:00	01:45	00:50	20:50
Bottom Depth		53	81	114	48	78	112
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.241	0.121	0.073	0.149	0.129	0.203
	20m	0.386	0.386	0.001	0.342	0.188	0.109
	50m	0.435	0.604	0.024	0.510	0.525	0.257
	Bottom	—	0.580	0.020	—	0.980	0.688
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.079	0.063	0.150	0.046	0.027	0.061
	20m	0.504	0.535	0.071	0.253	0.037	0.077
	50m	0.803	0.220	0.449	0.247	0.055	0.245
	Bottom	—	0.189	0.150	—	0.114	0.072
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.356	0.179	0.237	0.315	0.287	0.728
	20m	2.418	2.656	0.122	1.342	0.704	0.261
	50m	2.582	7.226	1.129	10.319	8.494	3.059
	Bottom	—	7.064	4.144	—	10.476	9.735

Month		Oct.			Dec.		
Station		01	03	05	01	03	05
Date		16	16	16	13	13	12
Time		07:30	05:30	02:00	02:35	00:45	21:25
Bottom Depth		57	78	120	58	79	120
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.244	0.234	0.407	0.437	0.888	0.397
	20m	0.244	0.234	0.175	0.709	0.526	0.452
	50m	0.893	0.699	0.808	0.427	—	0.382
	Bottom	—	0.650	0.903	—	0.912	0.942
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.114	0.323	0.077	0.203	0.258	0.365
	20m	0.166	0.256	0.064	0.483	0.125	0.808
	50m	0.310	0.160	0.075	0.262	—	0.734
	Bottom	—	0.221	0.083	—	0.432	0.238
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.300	0.517	0.834	7.254	7.152	2.346
	20m	0.509	0.584	0.304	6.025	8.519	4.276
	50m	4.935	8.969	9.030	5.107	—	2.926
	Bottom	—	6.066	8.619	—	5.981	11.396

영 양 염 성 적 표

Nutrient Salts Data, Line 204

Month		Feb.			Apr.		
Station		02	04	06	02	04	06
Date		11	12	12	11	14	14
Time		03:25	09:55	12:30	02:00	10:20	12:25
Bottom Depth		33	82	130	33	84	118
PO ₄ -P ($\mu\text{g-at.}/\ell$)	0m	0.528	0.434	0.528	0.531	0.459	0.338
	20m	0.551	0.411	0.434	0.628	0.435	0.145
	50m	0.441	0.411	0.528	0.580	0.362	0.145
	Bottom	—	0.434	0.528	—	0.386	0.193
NO ₂ -N ($\mu\text{g-at.}/\ell$)	0m	0.682	0.162	0.080	0.256	0.202	0.192
	20m	0.295	0.140	0.040	0.341	0.192	0.064
	50m	0.239	0.084	0.040	0.277	0.277	0.043
	Bottom	—	0.073	0.020	—	0.256	0.128
NO ₃ -N ($\mu\text{g-at.}/\ell$)	0m	5.760	4.812	4.730	2.420	2.214	1.820
	20m	4.743	4.900	1.940	3.810	2.750	1.120
	50m	5.583	5.020	4.182	3.370	3.160	0.520
	Bottom	—	3.889	4.004	—	2.871	1.124

Month		June			Aug.		
Station		02	04	06	02	04	06
Date		11	12	12	11	16	16
Time		04:45	08:40	11:00	03:35	15:40	18:00
Bottom Depth		34	83	120	32	82	117
PO ₄ -P ($\mu\text{g-at.}/\ell$)	0m	0.145	0.145	0.242	0.218	0.262	0.193
	20m	0.435	0.097	0.145	0.213	0.262	0.297
	50m	0.483	0.193	0.290	0.282	0.689	0.371
	Bottom	—	0.483	0.435	—	0.698	0.564
NO ₂ -N ($\mu\text{g-at.}/\ell$)	0m	0.047	0.063	0.126	0.079	0.064	0.103
	20m	0.708	0.063	0.047	0.033	0.064	0.072
	50m	0.661	0.142	0.189	0.120	0.072	0.140
	Bottom	—	0.252	0.110	—	0.127	0.101
NO ₃ -N ($\mu\text{g-at.}/\ell$)	0m	0.243	0.421	0.648	0.235	1.529	0.496
	20m	2.145	0.179	0.243	0.305	0.274	0.645
	50m	2.337	0.535	2.422	0.811	8.145	4.493
	Bottom	—	6.710	16.329	—	10.795	4.722

Month		Oct.			Dec.		
Station		02	04	06	02	04	06
Date		16	17	17	13	18	18
Time		09:10	09:20	11:45	04:30	09:45	12:05
Bottom Depth		32	80	125	32	82	126
PO ₄ -P ($\mu\text{g-at.}/\ell$)	0m	0.506	0.487	0.343	0.893	0.714	0.590
	20m	0.487	0.170	0.160	0.506	0.536	0.288
	50m	0.536	0.546	0.590	0.556	0.774	0.457
	Bottom	—	0.898	0.699	—	0.749	0.779
NO ₂ -N ($\mu\text{g-at.}/\ell$)	0m	0.965	0.193	0.092	0.384	0.319	0.786
	20m	1.059	0.103	0.077	0.153	0.212	0.408
	50m	0.762	0.147	0.142	0.168	0.347	0.699
	Bottom	—	0.131	0.103	—	0.352	0.103
NO ₃ -N ($\mu\text{g-at.}/\ell$)	0m	1.391	0.718	0.772	6.029	5.857	3.681
	20m	1.036	0.766	0.740	6.687	8.479	3.869
	50m	1.523	3.841	5.150	6.767	6.778	2.392
	Bottom	—	6.416	10.447	—	7.627	13.619

영 양 염 성 적 표

Nutrient Salts Data, Line 203

Month		Feb.		Apr.	
Station		01	03	01	03
Date		20	20	17	17
Time		15:35	10:20	04:10	02:00
Bottom Depth		62	134	50	147
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.714	0.621	0.242	0.097
	20m	—	0.761	0.386	0.121
	50m	0.598	0.668	0.362	0.362
	Bottom	—	—	—	0.386
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.095	0.151	0.256	0.170
	20m	0.151	0.151	0.426	0.149
	50m	0.140	0.206	0.298	0.266
	Bottom	—	0.228	—	0.341
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	3.120	2.870	1.530	0.610
	20m	3.583	2.280	2.350	0.710
	50m	4.120	4.180	2.580	3.670
	Bottom	—	4.452	—	3.731

Month		June		Aug.	
Station		01	03	01	03
Date		15	15	19	19
Time		07:10	05:05	09:35	07:30
Bottom Depth		58	137	60	138
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.217	0.048	0.109	0.168
	20m	0.338	0.048	0.317	0.213
	50m	0.362	0.362	0.550	0.391
	Bottom	—	0.362	—	0.579
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.118	0.001	0.081	0.083
	20m	0.244	0.024	0.321	0.171
	50m	0.150	0.087	0.088	0.267
	Bottom	—	0.024	—	0.077
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.944	0.386	0	0.634
	20m	3.721	9.549	1.322	1.496
	50m	4.105	8.713	6.467	3.132
	Bottom	—	8.099	—	7.238

Month		Oct.		Dec.	
Station		01	03	01	03
Date		20	20	21	21
Time		09:50	07:40	06:17	04:10
Bottom Depth		62	140	69	134
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.120	0.110	0.796	0.765
	20m	0.338	0.125	0.665	0.875
	50m	0.477	0.650	0.896	0.632
	Bottom	—	0.784	—	0.875
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.321	0.197	0.219	0.528
	20m	0.267	0.247	0.356	0.712
	50m	0.158	0.509	0.208	0.480
	Bottom	—	0.206	—	0.555
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.211	0.430	4.296	4.461
	20m	1.947	0.167	5.677	4.514
	50m	5.442	—	4.117	3.465
	Bottom	—	6.223	—	7.140

영 양 염 성 적 표

Nutrient Salts Data, Line 313

Month		Feb.				Apr.			
Station		03	05	07	09	03	05	07	00
Date		20	20	20	19	16	16	16	16
Time		06:00	03:40	01:30	23:05	21:40	18:05	16:00	14:00
Bottom Depth		96	90	83	79	95	93	80	78
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.984	0.901	0.574	0.574	0.097	0.628	0.145	0.121
	20m	0.504	0.644	0.528	0.714	0.169	0.362	0.483	0.193
	50m	0.434	0.551	0.691	0.668	0.386	0.121	—	0.676
	Bottom	0.528	0.574	0.574	0.598	0.362	0.193	0.749	0.628
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.118	0.273	0.107	0.018	0.064	0.352	0.053	0.053
	20m	0.095	0.184	0.004	0.107	0.107	0.245	0.266	0.075
	50m	0.062	0.095	0.062	0.018	0.202	0.064	—	0.266
	Bottom	0.095	0.140	0.018	0.095	0.170	0.298	0.330	0.202
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	2.770	5.030	4.703	3.980	0.050	3.060	0.030	0.060
	20m	3.280	4.760	4.060	4.740	1.120	2.152	3.434	0.120
	50m	2.010	3.510	2.790	4.990	2.990	0.050	—	4.252
	Bottom	3.541	4.050	3.944	4.845	2.329	0.724	4.138	2.229

Month		June				Aug.			
Station		03	05	07	09	03	05	07	09
Date		15	14	14	14	19	19	18	18
Time		01:30	23:30	21:25	19:15	04:20	01:00	22:45	20:35
Bottom Depth		98	90	77	76	96	86	84	80
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.048	0.048	0.097	0.073	0.099	0.109	0.257	0.158
	20m	0.048	0.459	0.097	0.145	0.248	0.248	0.144	0.129
	50m	0.338	0.386	0.773	0.797	0.559	0.584	0.594	0.723
	Bottom	0.507	0.604	0.725	1.135	0.545	0.614	0.574	0.713
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.008	0.001	0.024	0.001	0.046	0.037	0.092	0.022
	20m	0.001	0.071	—	0.001	0.133	0.144	0.037	0.040
	50m	0.055	0.024	0.071	0.071	0.053	0.057	0.042	0.061
	Bottom	0.102	0.118	0.134	0.260	0.053	0.070	0.057	0.096
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.282	0.192	0.169	0.289	0.292	0.301	0.910	0
	20m	0.144	5.634	0.290	0.192	1.771	1.855	0.348	0.345
	50m	6.907	8.002	9.551	9.019	7.903	7.566	8.246	8.322
	Bottom	6.619	7.038	5.571	8.056	8.211	7.411	7.756	8.216

Month		Oct.				Dec.			
Station		03	05	07	09	03	05	07	09
Date		20	20	20	19	21	20	20	20
Time		04:25	02:20	00:20	22:15	01:06	23:00	21:00	19:00
Bottom Depth		92	90	94	84	96	93	90	77
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.125	0.259	0.100	0.100	0.859	0.659	0.753	0.863
	20m	0.120	0.155	0.125	0.115	0.863	0.589	0.706	0.736
	50m	0.784	0.595	0.903	0.660	0.895	0.634	0.832	0.776
	Bottom	0.843	0.719	0.967	0.843	0.953	0.927	0.936	0.760
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.352	0.083	0.097	0.053	0.515	0.240	0.175	0.112
	20m	0.112	0.064	0.123	0.092	0.369	0.223	0.236	0.125
	50m	0.319	0.145	0.121	0.110	0.422	0.234	0.181	0.238
	Bottom	0.131	0.134	0.131	0.129	0.605	0.312	0.332	0.199
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.056	0.284	0.317	0.361	3.335	4.417	3.770	2.741
	20m	0.255	0.397	0.267	0.417	6.898	2.965	3.994	4.437
	50m	6.939	5.408	7.208	8.332	4.282	3.663	4.618	2.805
	Bottom	8.264	7.100	7.411	8.147	5.666	4.297	3.471	3.366

영 양 염 성 적 표

Nutrient Salts Data, Line 314

Month		Feb.					Apr.				
Station		01	03	05	07	09	01	03	05	07	09
Date		12	13	13	19	19	15	15	16	16	16
Time		23:30	02:55	06:15	13:20	16:35	18:30	22:05	01:20	04:30	07:50
Bottom Depth		130	107	104	103	85	142	108	107	110	85
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.341	0.411	0.364	0.504	0.434	0.193	0.121	0.193	0.242	0.145
	20m	0.388	0.434	0.318	0.481	0.434	0.580	0.121	0.145	0.242	0.145
	50m	0.318	0.364	0.388	0.481	0.551	0.193	0.242	0.242	0.338	0.483
	Bottom	0.388	0.364	0.458	0.458	0.481	0.435	0.386	0.290	0.266	0.676
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.406	0.173	0.073	0.073	N.D	0.202	0.064	0.149	0.192	0.032
	20m	0.328	0.118	0.073	0.073	N.D	0.309	0.053	0.096	0.224	0.139
	50m	0.284	0.084	0.040	0.040	0.020	0.245	0.352	0.224	0.352	0.139
	Bottom	0.394	0.040	0.095	0.015	N.D	0.245	0.149	0.202	0.213	0.149
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	1.470	3.500	2.620	3.270	2.040	1.240	0.363	0.710	0.830	0.160
	20m	0.794	3.844	0.691	3.760	2.430	3.760	0.374	0.630	0.953	0.060
	50m	0.610	2.250	2.650	4.084	3.150	1.410	2.080	2.200	2.110	2.572
	Bottom	1.284	1.148	3.899	2.396	1.874	4.060	3.929	2.167	1.282	2.031

Month		June					Aug.				
Station		01	03	05	07	09	01	03	05	07	09
Date		12	13	13	14	14	17	17	17	18	18
Time		21:30	00:40	03:40	09:25	12:40	05:05	08:30	11:25	10:45	13:55
Bottom Depth		134	107	105	102	93	146	107	102	110	95
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.048	0.097	0.001	0.073	0.073	0.282	0.188	0.312	0.144	0.129
	20m	0.073	0.073	0.435	0.145	0.145	0.366	0.238	0.495	0.238	0.154
	50m	0.193	0.604	0.580	0.459	0.411	0.545	0.559	0.510	0.668	0.738
	Bottom	0.700	0.725	0.290	0.628	0.797	0.545	0.678	0.490	0.589	0.683
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.047	0.085	0.032	0.008	0.024	0.286	0.101	0.059	0.027	0.057
	20m	0.047	0.079	0.283	0.024	0.008	0.068	0.079	0.223	0.040	0.271
	50m	0.189	0.094	0.063	0.024	0.055	0.048	0.157	0.079	0.046	0.044
	Bottom	0.110	0.142	0.063	0.228	0.181	0.079	0.092	0.037	0.040	0.057
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.243	0.108	1.467	0.185	0.218	0.354	0.521	0.350	0.311	0.518
	20m	0.243	0.114	8.517	2.297	0.427	3.184	—	4.481	0.298	0.731
	50m	8.031	12.187	11.928	5.681	10.582	9.711	7.751	6.358	9.482	8.434
	Bottom	15.071	13.396	12.701	6.348	10.069	12.349	10.854	7.847	10.455	7.709

Month		Oct.					Dec.				
Station		01	03	05	07	09	01	03	05	07	09
Date		17	18	18	19	19	18	19	19	20	20
Time		23:45	02:50	06:50	12:10	15:40	22:35	01:45	05:00	09:50	12:50
Bottom Depth		132	106	106	110	97	132	106	106	118	102
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.110	0.140	0.120	0.090	0.140	0.333	0.357	0.585	0.645	0.569
	20m	—	0.120	0.095	0.090	0.125	0.258	0.442	0.645	0.561	0.589
	50m	0.095	0.690	0.392	0.130	0.482	0.288	0.432	0.437	0.511	0.663
	Bottom	0.759	0.803	0.383	0.794	0.828	0.362	0.427	0.665	0.447	0.656
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.049	0.073	0.057	0.094	0.118	0.417	0.417	0.522	0.670	0.267
	20m	0.051	0.046	0.053	0.064	0.107	0.349	0.705	0.483	0.607	0.315
	50m	0.064	0.088	0.059	0.070	0.083	0.552	0.662	0.212	0.463	0.251
	Bottom	0.123	0.094	0.066	0.107	0.136	0.432	0.939	0.581	0.426	0.209
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.318	0.341	0.357	0.273	0.367	2.769	3.623	4.087	4.746	5.529
	20m	—	0.368	0.361	0.350	0.994	2.694	2.718	4.743	3.290	3.488
	50m	0.255	4.825	3.812	0.368	7.056	2.301	2.856	4.302	4.052	4.026
	Bottom	5.975	6.690	3.734	6.464	5.914	3.418	5.806	5.215	6.035	4.258

영 양 염 성 적 표

Nutrient Salts Data, Line 400

Month		Feb.					Apr.				
Station		12	14	16	25	27	12	14	16	25	27
Date		10	10	10	12	12	10	10	10	15	14
Time		16:55	11:25	07:30	16:30	13:30	16:10	11:10	07:05	12:00	13:20
Bottom Depth		105	86	45	108	130	110	85	57	103	130
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.248	0.248	0.504	0.364	0.364	0.002	0.169	0.145	0.242	0.290
	20m	0.434	0.364	0.504	0.434	0.481	0.048	0.097	0.290	0.193	0.242
	50m	0.201	0.294	0.364	0.364	0.341	0.097	0.290	0.242	0.145	0.193
	Bottom	0.388	0.248	—	0.341	0.528	0.145	0.338	—	0.242	0.217
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.272	0.140	0.494	0.417	0.020	0.107	0.128	0.053	0.330	0.277
	20m	0.372	0.306	0.494	0.572	0.070	0.149	0.192	0.213	0.224	0.277
	50m	0.162	0.217	0.361	0.350	0.060	0.149	0.394	0.170	0.202	0.192
	Bottom	0.328	0.184	—	0.284	0.140	0.234	0.277	—	0.202	0.192
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	1.930	1.800	5.524	2.631	1.400	1.064	0.753	0.940	1.992	1.963
	20m	3.950	3.362	5.490	3.030	4.480	1.610	1.832	2.021	1.590	2.230
	50m	1.520	3.420	0.680	2.144	2.270	2.300	1.170	2.280	2.723	1.780
	Bottom	3.894	4.952	—	0.510	5.258	2.349	3.871	—	2.988	1.779

Month		June					Aug.				
Station		12	14	16	25	27	12	14	16	25	27
Date		10	10	10	12	12	10	10	10	16	16
Time		18:15	12:55	09:00	15:00	11:50	18:55	13:00	09:20	22:45	19:35
Bottom Depth		107	87	475	107	133	107	84	48	108	124
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.097	0.001	0.048	0.145	0.145	0.104	0.139	0.272	0.218	0.233
	20m	0.073	0.048	0.073	0.145	0.097	0.198	0.196	0.279	0.287	0.317
	50m	0.121	0.121	0.097	0.290	0.290	0.396	0.456	1.151	0.475	0.505
	Bottom	0.193	0.242	—	0.676	0.483	0.723	0.555	—	0.693	0.564
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.055	0.055	0.228	0.063	0.189	0.033	0.001	0.189	0.051	0.055
	20m	0.055	0.338	0.071	0.567	0.094	0.103	0.029	0.268	0.066	0.256
	50m	0.275	0.134	0.669	0.094	0.173	0.107	0.079	0.327	0.454	0.382
	Bottom	0.118	0.134	—	0.094	0.110	0.079	0.055	—	0.090	0.094
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.187	0.042	0.981	0.130	0.778	0.518	0.480	0.817	0.334	0.757
	20m	—	6.866	0.122	5.864	0.099	0.614	0.380	2.171	0.438	1.055
	50m	5.237	14.516	3.828	6.578	3.888	6.235	10.131	12.739	6.742	—
	Bottom	16.611	14.322	—	13.928	8.641	13.287	11.555	—	10.428	9.309

Month		Oct.					Dec.				
Station		12	14	16	25	27	12	14	16	25	27
Date		15	15	15	17	17	12	12	12	18	18
Time		22:45	17:05	12:10	17:20	13:40	18:20	13:30	10:00	16:00	13:00
Bottom Depth		105	69	45	110	135	108	82	50	108	128
PO ₄ -P ($\mu\text{g-at./}\ell$)	0m	0.179	0.184	0.229	0.160	0.402	0.298	0.273	0.516	0.353	0.546
	20m	0.130	0.244	0.209	0.155	0.333	0.338	0.303	0.655	0.367	0.432
	50m	0.511	0.848	0.610	0.680	0.303	0.357	0.506	0.784	0.338	0.516
	Bottom	0.774	—	—	0.571	0.605	0.452	0.719	—	0.823	0.739
NO ₂ -N ($\mu\text{g-at./}\ell$)	0m	0.057	0.101	0.171	0.105	0.112	0.406	0.277	0.566	0.446	0.668
	20m	0.051	0.118	0.153	0.103	0.242	0.749	0.136	0.812	0.454	0.701
	50m	0.125	0.083	0.175	0.352	0.147	0.522	0.166	0.655	0.367	0.644
	Bottom	0.068	—	—	0.092	0.138	0.653	0.537	—	0.168	0.402
NO ₃ -N ($\mu\text{g-at./}\ell$)	0m	0.570	0.550	0.409	0.593	1.462	1.878	3.383	3.711	1.838	2.280
	20m	—	0.438	0.545	0.737	2.967	2.674	4.568	4.509	2.874	2.485
	50m	5.167	10.017	4.715	4.917	5.382	1.762	4.064	2.531	2.296	3.301
	Bottom	8.777	—	—	3.779	6.599	4.716	12.212	—	6.150	6.011

第五編

浮游生物調查成績

PART 5

PLANKTON DATA

1988

東海浮游生物調査成績

PLANKTON DATA : EASTERN WATERS

1988

부 유 생 물 조 성 표

Plankton Data, Line 107

Month	Mar.				Apr.			
Station	01	03	05	07	01	03	05	07
Date	5	5	5	5	16	16	17	23
Time	10:05	11:45	15:10	19:10	15:00	16:20	13:50	14:10
Col. depth(m) *	100	100	100	100	100	100	100	100
Pre. Volume(cc) **	1.9	0.5	0.8	2.5	3.0	1.0	2.0	1.5
Biomass(mg/m ³)	15.39	5.33	6.51	48.52	59.12	18.87	17.61	13.84
Copepoda	1,920	864	928	496	912	472	592	511
Amphipoda	29	1	2	10	0	0	2	1
Chaetognatha	11	1	1	21	0	0	3	0
Euphausiacea	3	2	2	6	18	11	19	14

Month	June				Aug.			
Station	01	03	05	07	01	03	05	07
Date	7	7	7	7	3	3	3	3
Time	08:30	09:55	12:35	15:40	09:50	11:25	14:05	17:10
Col. depth(m)	100	100	100	100	90	100	100	100
Pre. Volume(cc)	0.3	0.7	0.7	0.7	0.3	0.7	1.0	0.5
Biomass(mg/m ³)	1.89	6.28	2.52	3.77	2.80	5.03	6.29	4.40
Copepoda	123	179	234	136	38	92	177	351
Amphipoda	0	2	2	0	0	24	72	13
Chaetognatha	1	1	0	0	4	8	38	9
Euphausiacea	2	6	2	7	2	13	19	5

Month	Oct.				'89. Jan.			
Station	01	03	05	07	01	03	05	07
Date	17	17	17	17	10	10	16	16
Time	10:20	12:05	14:55	18:15	10:30	12:15	11:00	14:35
Col. depth(m)	90	100	100	100	90	100	100	100
Pre. Volume(cc)	1.0	0.5	1.5	2.5	0.7	0.2	0.8	0.1
Biomass(mg/m ³)	11.95	5.37	15.44	22.82	3.14	6.92	11.32	1.26
Copepoda	194	294	426	1,142	78	424	194	62
Amphipoda	27	9	19	6	1	2	2	1
Chaetognatha	6	2	27	2	1	1	0	0
Euphausiacea	9	7	0	9	0	2	0	0

* Col : Collection ** Pre. : Precipitation

부 유 생 물 조 성 표

Plankton Data, Line 106

Month	Mar.					Apr.				
Station	03	05	07	09	11	03	05	07	09	11
Date	10	9	6	6	6	17	17	23	23	23
Time	15:25	12:25	09:05	05:10	01:10	09:40	11:55	12:30	17:30	20:35
Col. depth(m)	100	100	100	100	100	100	100	100	100	100
Pre. Volume(cc)	0.2	1.0	—	0.7	0.1	—	1.0	0.2	0.8	1.0
Biomass(mg/m ³)	1.26	18.87	—	6.30	0.59	—	5.66	1.89	20.13	11.95
Copepoda	64	608	—	352	32	—	262	59	498	432
Amphipoda	1	0	—	2	0	—	0	0	0	2
Chaetognatha	0	3	—	1	0	—	0	0	0	1
Euphausiacea	0	2	—	1	0	—	12	3	0	4

Month	June					Aug.				
Station	03	05	07	09	11	03	05	07	09	11
Date	8	8	8	8	7	4	4	4	4	3
Time	09:10	06:50	03:40	00:25	21:10	08:45	06:15	03:00	00:50	21:10
Col. depth(m)	100	100	100	100	100	100	100	100	100	100
Pre. Volume(cc)	4.0	2.5	2.0	3.5	1.0	3.0	0.6	0.3	1.0	3.0
Biomass(mg/m ³)	40.88	27.04	12.58	66.67	10.61	23.27	5.03	3.15	8.18	28.30
Copepoda	2,774	790	474	0	167	1,136	214	66	149	1,549
Amphipoda	13	4	3	3	13	142	27	23	54	49
Chaetognatha	7	7	0	1	2	18	3	2	7	19
Euphausiacea	14	11	10	7	16	11	7	1	8	5

Month	Oct.					'89. Jan.				
Station	03	05	07	09	11	03	05	07	09	11
Date	19	19	18	18	17	17	17	17	17	16
Time	09:40	12:00	04:35	02:30	23:20	12:35	09:30	05:30	01:15	21:10
Col. depth(m)	100	100	100	100	100	100	100	100	100	100
Pre. Volume(cc)	—	0.7	1.0	3.5	4.0	0.2	1.4	1.0	—	—
Biomass(mg/m ³)	—	6.04	13.42	48.99	61.07	4.40	11.94	10.06	—	—
Copepoda	—	183	679	1,665	2,614	30	420	468	—	—
Amphipoda	—	4	2	11	26	0	2	2	—	—
Chaetognatha	—	1	27	19	25	0	1	0	—	—
Euphausiacea	—	5	5	13	18	0	2	5	—	—

부 유 생 물 조 성 표

Plankton Data, Line 105

Month	Mar.					Feb.	Apr.				
Station	03	05	07	09	11		03	05	07	09	11
Date	1	1	1	1	29		16	16	16	16	15
Time	12:40	11:00	07:05	03:00	23:00		11:10	08:40	05:25	02:10	23:00
Col. depth(m)	50	100	100	100	100		50	100	100	100	100
Pre. Volume(cc)	1.5	1.2	0.7	5.0	6.5		0.5	2.5	2.5	14.0	2.0
Biomass(mg/m ³)	23.90	32.08	5.03	52.20	71.07		8.81	13.84	23.90	148.43	16.35
Copepoda	311	848	344	1,904	1,040		73	456	656	1,248	488
Amphipoda	4	6	0	13	5		1	6	7	22	4
Chaetognatha	0	3	0	0	17		0	1	0	16	2
Euphausiacea	12	2	1	11	25		0	11	13	29	1

Month	June					Aug.				
Station	03	05	07	09	11	03	05	07	09	11
Date	10	11	11	11	10	5	5	5	5	5
Time	06:50	06:55	03:50	00:45	21:40	10:00	11:30	14:45	17:55	21:15
Col. depth(m)	50	100	100	100	100	50	100	100	100	100
Pre. Volume(cc)	1.0	3.0	3.0	3.0	1.0	1.0	2.3	1.5	1.5	2.0
Biomass(mg/m ³)	23.96	44.03	28.30	27.67	9.43	14.42	11.32	10.69	11.32	15.72
Copepoda	192	546	1,492	1,749	117	197	296	642	497	968
Amphipoda	24	21	187	27	26	0	6	51	10	119
Chaetognatha	2	11	1	2	1	13	27	3	16	61
Euphausiacea	9	6	19	13	7	3	6	6	4	18

Month	Oct.					'89. Jan.				
Station	03	05	07	09	11	03	05	07	09	11
Date	17	17	17	16	16	6	6	6	6	5
Time	05:20	03:40	00:25	21:10	18:00	13:00	11:00	06:55	02:50	22:45
Col. depth(m)	50	100	100	100	100	50	100	100	100	100
Pre. Volume(cc)	1.0	0.5	0.4	0.7	2.5	0.8	0.5	0.1	0.4	0.4
Biomass(mg/m ³)	29.53	6.04	3.36	6.04	20.13	9.43	10.06	5.70	7.55	4.40
Copepoda	169	256	63	101	694	216	380	41	440	38
Amphipoda	16	11	4	3	19	2	1	0	11	1
Chaetognatha	21	4	9	5	25	0	2	0	8	0
Euphausiacea	3	7	3	1	7	0	0	1	0	0

부 유 생 물 조 성 표

Plankton Data, Line 104

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	29	29	29	29	15	15	15	15
Time	08:40	11:30	15:30	19:30	11:50	14:10	17:15	20:25
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	0.3	4.8	—	1.5	1.5	0.4	3.0	3.0
Biomass(mg/m ³)	3.77	6.30	—	25.79	16.35	4.40	15.09	25.79
Copepoda	121	1,568	—	256	244	184	752	1,232
Amphipoda	0	19	—	3	0	0	3	15
Chaetognatha	1	4	—	5	3	3	3	6
Euphausiacea	0	10	—	16	4	5	7	11

Month	June				Aug.			
Station	05	07	09	11	05	07	09	11
Date	10	10	10	10	6	6	6	5
Time	10:30	12:55	16:05	19:00	09:00	06:05	02:55	23:50
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	0.8	0.8	2.0	1.0	1.0	4.0	0.8	1.2
Biomass(mg/m ³)	7.54	4.40	10.69	8.81	8.18	54.09	5.66	9.43
Copepoda	217	231	1,220	344	156	1,968	106	206
Amphipoda	3	4	3	0	27	109	29	24
Chaetognatha	2	3	6	1	3	38	15	11
Euphausiacea	1	6	7	4	2	29	7	4

Month	Oct.				'89. Jan.			
Station	05	07	09	11	05	07	09	11
Date	11	16	16	16	5	5	5	5
Time	07:55	08:40	11:55	15:20	08:05	11:00	15:05	19:10
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	1.0	1.0	4.0	3.0	1.1	2.2	4.5	0.4
Biomass(mg/m ³)	13.42	11.95	50.34	30.87	10.69	18.87	67.30	4.40
Copepoda	346	567	3,126	1,674	840	1,450	1,340	45
Amphipoda	21	27	59	76	1	15	3	0
Chaetognatha	2	8	36	65	0	5	24	0
Euphausiacea	1	7	11	20	7	62	1	1

부 유 생 물 조 성 표

Plankton Data, Line 103

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	23	23	23	23	17	17	17	17
Time	12:20	09:30	05:35	01:30	11:50	08:55	05:05	01:10
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	2.0	2.5	2.0	3.5	1.5	1.5	2.0	8.0
Biomass(mg/m ³)	65.40	19.49	62.30	99.36	8.26	8.26	9.64	58.58
Copepoda	1,220	552	200	910	452	94	394	624
Amphipoda	13	5	1	6	1	0	4	7
Chaetognatha	25	4	0	3	2	0	0	0
Euphausiacea	0	5	5	2	2	1	6	5

Month	June				Aug.			
Station	05	07	09	11	05	08	09	11
Date	14	14	14	14	21	21	21	21
Time	13:00	10:10	05:35	01:30	11:35	08:30	04:25	00:20
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	—	—	9.0	1.5	—	2.5	1.0	5.0
Biomass(mg/m ³)	—	—	40.04	16.65	—	130.20	0.79	44.95
Copepoda	—	—	1,250	506	—	138	106	710
Amphipoda	—	—	58	0	—	1	2	15
Chaetognatha	—	—	1	6	—	2	5	8
Euphausiacea	—	—	0	0	—	0	0	1

Month	Oct.				Dec.			
Station	05	07	09	11	05	07	09	11
Date	12	12	12	12	23	23	23	23
Time	19:20	16:30	12:30	08:30	11:45	08:50	04:50	00:45
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	6.0	6.0	2.5	2.0	0.4	0.5	0.6	2.0
Biomass(mg/m ³)	72.34	57.47	27.28	22.77	2.98	9.33	5.48	15.93
Copepoda	676	500	432	618	517	428	430	1,098
Amphipoda	6	5	4	3	4	2	2	3
Chaetognatha	22	28	18	55	3	2	1	3
Euphausiacea	7	6	6	7	8	0	1	5

부 유 생 물 조 성 표

Plankton Data, Line 102

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	22	22	22	22	16	16	16	16
Time	11:20	14:15	18:20	22:25	12:10	14:30	18:20	22:15
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	1.5	2.8	7.0	1.0	2.0	2.5	8.0	2.5
Biomass(mg/m ³)	20.78	28.34	69.63	7.57	21.52	12.41	84.00	17.89
Copepoda	490	480	1,800	360	102	86	694	230
Amphipoda	1	3	16	5	0	6	22	0
Chaetognatha	0	21	10	5	0	1	0	0
Euphausiacea	5	0	1	1	0	6	52	0

Month	June				Aug.			
Station	05	07	09	11	05	07	09	11
Date	13	13	13	13	20	20	20	20
Time	10:25	13:20	17:55	22:40	10:45	13:05	17:10	21:15
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	2.8	1.7	1.0	1.8	3.5	5.0	11.0	4.5
Biomass(mg/m ³)	45.94	19.94	15.47	13.72	31.56	47.39	165.51	43.25
Copepoda	780	870	600	650	520	867	1,014	533
Amphipoda	0	0	0	0	50	45	214	47
Chaetognatha	62	0	0	11	10	6	14	12
Euphausiacea	0	0	0	0	6	9	202	5

Month	Oct.				Dec.			
Station	05	07	09	11	05	07	09	11
Date	11	11	12	12	22	22	22	22
Time	19:10	21:30	01:30	05:30	11:10	13:30	17:35	21:40
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	2.0	8.5	5.0	8.0	0.5	1.0	1.0	6.8
Biomass(mg/m ³)	237.34	54.73	39.60	79.55	2.66	0.82	3.06	11.04
Copepoda	524	736	572	928	427	642	718	527
Amphipoda	23	10	14	6	2	1	2	1
Chaetognatha	21	23	23	29	1	3	4	1
Euphausiacea	182	52	29	39	2	4	3	3

부 유 생 물 조 성 표

Plankton Data, Line 209

Month	Feb.				Apr.			
Station	05	07	09	11	05	07	09	11
Date	12	12	12	11	16	16	16	15
Time	10:10	07:55	03:10	23:40	08:45	06:05	02:30	23:00
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	2.5	4.5	4.0	1.5	9.0	2.5	1.5	1.5
Biomass(mg/m ³)	32.11	103.81	77.98	35.82	47.99	15.30	9.00	8.93
Copepoda	454	280	460	310	796	97	128	204
Amphipoda	2	3	3	1	0	0	0	0
Chaetognatha	1	5	5	3	1	0	0	0
Euphausiacea	8	17	26	16	15	0	0	1

Month	June				Aug.			
Station	05	07	09	11	05	07	09	11
Date	11	11	11	10	10	10	10	9
Time	08:05	05:00	01:20	21:40	10:00	07:10	03:20	23:30
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	1.7	1.9	5.5	4.1	2.8	—	10.0	8.5
Biomass(mg/m ³)	17.35	30.08	83.68	69.11	17.32	—	65.81	63.83
Copepoda	710	650	1,950	890	352	—	1,122	1,000
Amphipoda	0	5	16	32	5	—	23	15
Chaetognatha	31	1	7	11	2	—	10	7
Euphausiacea	0	2	0	7	1	—	5	6

Month	Oct.				Dec.			
Station	05	07	09	11	05	07	09	11
Date	11	11	11	11	13	13	13	12
Time	15:45	12:55	09:05	05:25	09:40	07:00	03:20	23:40
Col. depth(m)	100	100	100	100	100	100	100	100
Pre. Volume(cc)	2.5	4.5	2.5	2.5	3.0	2.0	1.0	1.0
Biomass(mg/m ³)	24.89	35.39	14.32	23.43	17.74	10.64	10.53	11.79
Copepoda	540	793	438	620	395	739	698	552
Amphipoda	3	11	7	4	4	4	0	1
Chaetognatha	23	34	17	29	1	5	2	2
Euphausiacea	14	24	12	16	4	3	2	3

부 유 생 물 조 성 표

Plankton Data, Line 208

Month	Feb.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	11	11	11	11	11	15	15	15	15	15
Time	09:40	11:55	14:25	16:55	19:25	09:00	11:15	13:50	16:20	18:50
Col. depth(m)	70	100	100	100	100	70	100	100	100	100
Pre. Volume(cc)	2.5	1.5	5.0	2.5	2.0	2.0	3.0	0.5	1.5	2.0
Biomass(mg/m ³)	22.47	16.18	93.69	21.38	13.19	39.29	19.02	7.22	7.80	20.97
Copepoda	520	452	580	420	404	674	589	324	116	494
Amphipoda	0	0	2	0	0	0	0	0	0	0
Chaetognatha	2	1	1	2	5	10	0	0	0	1
Euphausiacea	0	6	22	3	4	3	0	0	6	0

Month	June					Aug.				
Station	01	03	05	07	09	01	03	05	07	09
Date	10	10	10	10	10	9	9	9	9	9
Time	07:00	09:15	12:00	14:45	17:25	08:35	10:55	13:35	16:20	19:05
Col. depth(m)	70	100	100	100	100	70	100	100	100	100
Pre. Volume(cc)	1.6	2.4	2.4	2.8	1.0	1.3	—	5.0	4.5	9.0
Biomass(mg/m ³)	12.72	14.78	37.36	14.37	16.95	21.75	—	52.85	32.92	51.08
Copepoda	78	180	2,100	120	615	400	—	818	586	578
Amphipoda	1	0	0	0	0	1	—	3	19	9
Chaetognatha	0	5	7	3	2	8	—	11	19	8
Euphausiacea	0	0	0	0	0	12	—	6	0	6

Month	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	10	10	10	10	11	12	12	12	12	12
Time	14:30	16:56	19:40	22:25	01:05	09:15	11:35	14:15	16:55	19:30
Col. depth(m)	70	100	100	100	1000	70	100	100	100	100
Pre. Volume(cc)	0.5	3.0	3.0	5.0	10.0	0.1	1.0	1.5	2.5	2.0
Biomass(mg/m ³)	12.45	24.86	26.71	61.15	84.69	17.50	9.52	14.97	16.52	22.33
Copepoda	316	469	773	826	1,834	338	1,000	726	912	1,458
Amphipoda	0	4	5	12	20	3	2	2	1	7
Chaetognatha	11	18	21	29	48	4	7	2	0	2
Euphausiacea	8	9	13	19	37	2	4	9	3	14

南海浮游生物調查成績

PLANKTON DATA : SOUTHERN WATERS

1988

부 유 생 물 조 성 표

Plankton Data, Line 207

Month	Feb.			Apr.		
Station	01	03	05	01	03	05
Date	9	9	9	4	9	9
Time	16:00	17:15	19:45	17:15	18:35	20:15
Col. depth(m)	80	115	100	80	120	100
Pre. Volume(cc)	0.5	0.5	3.8	3.2	2.0	8.0
Biomass(mg/m ³)	7.07	20.75	66.65	35.96	17.89	61.35
Copepoda	514	948	1,800	2,224	—	520
Amphipoda	0	0	10	0	—	16
Chaetognatha	6	0	40	0	—	8
Euphausiacea	0	0	0	4	—	4

Month	June			Aug.		
Station	01	03	05	01	03	05
Date	6	6	6	8	8	8
Time	16:05	17:40	19:10	17:15	19:00	20:30
Col. depth(m)	75	100	100	80	100	100
Pre. Volume(cc)	1.2	2.0	3.7	10.0	8.2	5.5
Biomass(mg/m ³)	18.44	55.96	32.07	181.42	127.06	109.96
Copepoda	1,983	3,876	1,340	936	176	762
Amphipoda	11	8	10	0	0	24
Chaetognatha	29	98	15	144	20	32
Euphausiacea	40	150	17	24	0	0

Month	Oct.			Dec.		
Station	01	03	05	01	03	05
Date	10	10	10	6	6	6
Time	16:50	18:15	20:00	17:00	19:05	20:40
Col. depth(m)	80	100	100	85	105	100
Pre. Volume(cc)	4.0	7.4	7.3	4.5	4.8	2.8
Biomass(mg/m ³)	47.76	40.19	79.68	37.50	809.52	238.64
Copepoda	256	520	1,740	2,248	3,484	826
Amphipoda	68	4	32	28	28	46
Chaetognatha	24	64	64	132	88	2
Euphausiacea	12	16	4	16	12	2

부 유 생 물 조 성 표
Plankton Data, Line 206

Month	Feb.			Apr.		
Station	01	03	05	01	03	05
Date	10	10	10	10	10	10
Time	05:30	03:10	00:15	04:55	02:50	00:30
Col. depth(m)	50	90	100	50	90	100
Pre. Volume(cc)	1.3	0.7	1.8	4.2	10.0	6.0
Biomass(mg/m ³)	45.27	41.92	38.98	72.88	75.70	90.29
Copepoda	936	1,740	976	2,456	1,704	1,920
Amphipoda	0	0	0	8	0	0
Chaetognatha	8	5	0	8	8	0
Euphausiacea	4	20	4	40	16	0

Month	June			Aug.		
Station	01	03	05	01	03	05
Date	7	7	7	9	9	9
Time	04:00	02:00	23:40	05:20	03:20	00:30
Col. depth(m)	60	90	100	50	90	100
Pre. Volume(cc)	4.0	5.0	4.0	4.5	3.2	7.0
Biomass(mg/m ³)	54.49	89.42	40.24	122.85	13.59	6.79
Copepoda	3,578	3,134	831	592	208	212
Amphipoda	0	12	0	8	12	16
Chaetognatha	34	24	7	8	4	12
Euphausiacea	40	78	11	0	8	0

Month	Oct.			Dec.		
Station	01	03	05	01	03	05
Date	11	11	11	7	7	7
Time	04:30	02:20	00:20	06:35	04:20	02:00
Col. depth(m)	50	90	100	70	100	100
Pre. Volume(cc)	6.7	9.0	12.0	0.8	1.2	6.2
Biomass(mg/m ³)	52.06	93.82	131.30	160.71	6.25	711.54
Copepoda	1,368	1,480	3,192	318	354	1,068
Amphipoda	32	52	16	2	0	12
Chaetognatha	88	168	88	0	10	36
Euphausiacea	8	20	8	2	0	16

부 유 생 물 조 성 표
Plankton Data, Line 205

Month	Feb.			Apr.		
Station	01	03	05	01	03	05
Date	11	10	10	11	10	10
Time	01:50	23:20	20:05	00:20	22:10	19:20
Col. depth(m)	50	80	100	50	80	100
Pre. Volume(cc)	6.0	3.0	0.2	2.5	3.5	2.4
Biomass(mg/m ³)	236.41	70.74	8.17	27.84	44.01	18.82
Copepoda	2,996	2,298	101	1,324	2,036	1,236
Amphipoda	0	24	0	4	8	4
Chaetognatha	136	40	1	4	12	16
Euphausiacea	104	8	0	28	76	24

Month	June			Aug.		
Station	01	03	05	01	03	05
Date	11	11	10	11	11	10
Time	03:00	01:05	22:00	01:45	00:50	20:50
Col. depth(m)	50	80	100	50	70	100
Pre. Volume(cc)	0.8	3.8	3.0	4.0	5.0	10.0
Biomass(mg/m ³)	18.86	50.30	19.49	42.50	131.41	88.14
Copepoda	465	3,276	1,010	189	872	1,802
Amphipoda	1	16	2	0	8	24
Chaetognatha	6	34	27	4	104	132
Euphausiacea	26	152	25	8	24	0

Month	Oct.			Dec.		
Station	01	03	05	01	03	05
Date	16	16	16	13	13	12
Time	07:35	05:30	02:05	02:35	00:45	21:25
Col. depth(m)	50	75	100	55	75	100
Pre. Volume(cc)	5.7	6.6	6.7	1.0	2.5	1.8
Biomass(mg/m ³)	11.92	53.32	53.79	238.64	64.17	18.23
Copepoda	1,728	1,864	1,012	784	2,000	828
Amphipoda	20	56	8	4	8	8
Chaetognatha	88	72	40	24	400	40
Euphausiacea	44	40	28	0	4	8

부 유 생 물 조 성 표

Plankton Data, Line 204

Month	Feb.			Apr.		
Station	02	04	06	02	04	06
Date	11	12	12	11	14	14
Time	03:25	10:00	12:30	02:00	10:20	12:25
Col. depth(m)	30	80	50	30	80	100
Pre. Volume(cc)	1.5	1.7	1.8	2.0	0.5	5.0
Biomass(mg/m ³)	100.60	51.09	100.60	38.42	14.93	45.90
Copepoda	794	2,136	1,300	752	586	1,812
Amphipoda	26	8	4	0	0	0
Chaetognatha	16	40	4	8	12	12
Euphausiacea	6	0	0	4	32	60

Month	June			Aug.		
Station	02	04	06	02	04	06
Date	11	12	—	11	16	16
Time	04:45	08:40	—	03:35	15:40	18:00
Col. depth(m)	30	80	—	30	80	100
Pre. Volume(cc)	2.3	0.8	—	7.0	2.0	1.5
Biomass(mg/m ³)	98.51	15.72	—	68.44	9.92	20.91
Copepoda	2,689	2,021	—	168	436	302
Amphipoda	8	13	—	0	4	4
Chaetognatha	35	15	—	12	36	24
Euphausiacea	37	46	—	0	0	0

Month	Oct.			Dec.		
Station	02	04	06	02	04	06
Date	—	17	17	13	18	18
Time	—	09:30	11:45	04:30	09:45	12:05
Col. depth(m)	—	75	100	30	80	120
Pre. Volume(cc)	—	6.0	6.0	3.0	2.5	4.1
Biomass(mg/m ³)	—	63.44	60.83	16.67	26.56	390.63
Copepoda	—	1,980	1,864	242	524	488
Amphipoda	—	4	136	0	4	6
Chaetognatha	—	48	48	30	20	48
Euphausiacea	—	0	0	2	0	0

부 유 생 물 조 성 표

Plankton Data, Line 203

Month	Feb.		Apr.	
Station	01	03	01	03
Date	20	20	17	17
Time	15:35	10:20	04:10	02:00
Col. depth(m)	50	100	50	100
Pre. Volume(cc)	1.0	3.4	2.3	1.8
Biomass(mg/m ³)	38.98	44.01	32.04	18.11
Copepoda	276	2,312	1,312	1,060
Amphipoda	0	16	0	0
Chaetognatha	0	328	4	4
Euphausiacea	0	16	96	76

Month	June		Aug.	
Station	01	03	01	03
Date	15	15	19	19
Time	07:10	05:05	09:35	07:30
Col. depth(m)	50	100	50	100
Pre. Volume(cc)	7.5	3.0	4.5	5.0
Biomass(mg/m ³)	28.92	18.86	43.00	73.26
Copepoda	1,232	912	340	976
Amphipoda	52	10	0	32
Chaetognatha	52	7	80	128
Euphausiacea	220	14	11	0

Month	Oct.		Dec.	
Station	01	03	01	03
Date	20	20	21	21
Time	09:50	07:40	06:17	04:10
Col. depth(m)	50	100	50	100
Pre. Volume(cc)	11.0	5.0	1.5	1.0
Biomass(mg/m ³)	115.97	42.66	240.38	67.31
Copepoda	1,352	1,216	508	338
Amphipoda	4	4	30	0
Chaetognatha	28	16	0	32
Euphausiacea	8	8	2	0

부 유 생 물 조 성 표

Plankton Data, Line 313

Month	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	20	20	20	19	16	16	16	16
Time	06:00	03:40	01:30	23:05	21:40	18:05	16:00	14:00
Col. depth(m)	90	90	80	75	90	90	80	80
Pre. Volume(cc)	2.0	4.0	1.3	—	1.8	3.8	1.8	1.0
Biomass(mg/m ³)	27.94	35.63	18.08	—	14.91	32.26	6.97	9.05
Copepoda	755	516	600	—	336	752	532	896
Amphipoda	0	0	0	—	2	0	0	0
Chaetognatha	25	8	24	—	6	8	0	1
Euphausiacea	15	10	4	—	8	102	32	272

Month	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	15	14	14	14	19	19	18	18
Time	01:30	23:30	21:25	19:15	04:20	01:00	22:45	20:35
Col. depth(m)	90	90	70	70	90	80	80	50
Pre. Volume(cc)	5.1	5.4	10.0	14.0	7.5	12.0	5.0	9.0
Biomass(mg/m ³)	18.86	90.12	215.57	328.75	121.89	208.13	47.87	265.20
Copepoda	961	1,728	1,346	1,552	1,124	2,202	468	1,345
Amphipoda	14	44	24	16	0	12	4	5
Chaetognatha	14	34	26	36	136	240	36	45
Euphausiacea	30	36	8	388	12	0	8	111

Month	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	20	20	20	19	21	20	20	20
Time	04:20	02:20	00:20	22:15	01:06	23:00	21:00	19:00
Col. depth(m)	90	90	80	80	95	90	90	75
Pre. Volume(cc)	2.0	9.8	5.0	5.0	1.9	3.6	—	1.8
Biomass(mg/m ³)	10.62	85.09	47.05	48.97	264.80	631.94	—	28.13
Copepoda	410	1,788	996	412	434	536	—	364
Amphipoda	0	20	8	5	2	4	—	8
Chaetognatha	6	44	28	68	16	116	—	32
Euphausiacea	12	44	44	28	2	40	—	0

부 유 생 물 조 성 표

Plankton Data, Line 314

	Feb.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	12	13	13	19	19	15	15	16	16	16
Time	23:30	02:55	06:30	13:20	16:35	18:30	22:05	01:20	04:30	07:50
Col. depth(m)	100	100	100	90	80	100	100	100	90	80
Pre. Volume(cc)	5.2	1.0	1.8	2.5	2.8	20.0	4.8	7.2	2.2	2.0
Biomass(mg/m ³)	71.68	6.92	15.09	44.71	33.80	86.14	37.07	49.10	21.07	16.17
Copepoda	2,208	564	464	576	—	1,638	404	1,028	285	848
Amphipoda	0	0	2	0	—	0	4	12	1	0
Chaetognatha	24	4	2	16	—	54	20	13	3	16
Euphausiacea	16	0	2	0	—	9	0	4	6	72

	June					Aug.				
Station	01	03	05	07	09	01	03	05	07	09
Date	12	13	13	14	14	17	17	17	18	18
Time	21:30	00:40	03:40	09:25	12:40	05:05	08:30	11:25	10:45	13:55
Col. depth(m)	100	100	100	100	90	100	100	100	100	90
Pre. Volume(cc)	7.8	5.6	7.0	2.0	3.0	8.0	6.8	1.9	0.5	7.5
Biomass(mg/m ³)	85.51	84.25	82.37	31.44	58.68	116.45	80.21	21.43	4.91	82.76
Copepoda	1,207	779	1,888	814	1,108	4,664	1,456	466	130	1,044
Amphipoda	5	2	6	12	22	384	16	4	0	12
Chaetognatha	42	22	14	25	24	640	16	44	4	120
Euphausiacea	5	16	28	1	0	0	8	0	0	0

	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	18	18	18	19	19	18	19	19	20	20
Time	00:00	03:00	07:05	12:10	15:40	22:35	01:45	05:00	09:50	12:50
Col. depth(m)	100	100	105	90	90	130	105	105	115	100
Pre. Volume(cc)	10.0	12.5	7.0	3.8	4.4	4.0	4.7	2.5	0.5	1.4
Biomass(mg/m ³)	183.93	80.58	124.77	48.20	53.94	312.5	690.48	226.19	4.38	3.26
Copepoda	5,344	2,892	2,588	1,452	3,308	1,028	912	512	176	932
Amphipoda	32	24	12	8	96	4	4	4	0	0
Chaetognatha	164	136	72	43	104	68	24	12	8	8
Euphausiacea	64	60	8	32	20	0	0	4	0	4

부 유 생 물 조 성 표

Plankton Data, Line 400

	Feb.					Apr.				
Station	12	14	16	25	27	12	14	16	25	27
Date	10	10	10	12	12	10	10	10	15	14
Time	16:55	11:25	07:30	16:30	13:30	16:10	11:10	07:05	12:00	13:20
Col. depth(m)	100	80	40	100	100	100	80	40	100	100
Pre. Volume(cc)	1.2	2.0	0.3	1.8	0.8	1.2	4.0	3.1	8.9	4.5
Biomass(mg/m ³)	19.49	50.30	29.87	13.83	36.47	8.60	51.53	31.44	104.75	49.29
Copepoda	702	1,660	398	764	728	320	1,808	1,040	3,160	2,412
Amphipoda	0	0	0	0	0	4	0	0	0	8
Chaetognatha	0	12	2	4	8	4	4	4	8	32
Euphausiacea	0	0	0	4	0	20	36	20	48	16

	June					Aug.				
Station	12	14	16	25	27	12	14	16	25	27
Date	10	10	10	12	12	10	10	10	16	16
Time	18:15	12:55	09:00	15:00	11:50	18:55	13:00	09:20	22:45	19:35
Col. depth(m)	100	80	40	90	100	100	80	40	100	100
Pre. Volume(cc)	3.0	3.0	0.8	4.0	5.5	3.0	3.0	2.5	4.8	6.0
Biomass(mg/m ³)	52.82	41.66	42.44	19.56	52.82	120.68	28.14	39.38	36.45	96.23
Copepoda	1,843	2,464	1,493	782	2,044	1,450	242	43	500	776
Amphipoda	1	0	1	4	8	16	0	0	28	8
Chaetognatha	20	12	29	13	59	176	32	16	20	64
Euphausiacea	32	440	16	11	10	0	0	0	4	8

	Oct.					Dec.				
Station	12	14	16	25	27	12	14	16	25	27
Date	15	15	15	17	17	12	12	12	18	18
Time	22:45	17:05	12:15	17:20	13:40	18:20	13:30	10:10	16:00	13:00
Col. depth(m)	105	60	40	100	100	100	80	45	105	130
Pre. Volume(cc)	2.5	7.5	0.8	7.0	4.8	3.0	3.2	1.0	0.8	5.0
Biomass(mg/m ³)	41.25	75.12	43.39	81.66	84.59	243.75	35.16	361.11	107.14	6.50
Copepoda	1,400	1,304	500	2,080	1,664	492	572	544	366	1,796
Amphipoda	8	60	2	12	55	4	4	4	8	12
Chaetognatha	24	88	148	224	54	52	40	4	20	92
Euphausiacea	8	0	2	0	0	4	0	0	0	4

西海浮游生物調查成績

PLANKTON DATA : WESTERN WATERS

1988

부 유 생 물 조 성 표

Plankton Data, Line 307

	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	20	20	20	20	4	4	5	5
Time	09:40	13:10	15:50	18:40	18:10	21:50	00:40	03:50
Col. depth(m)	40	55	60	65	40	55	60	65
Pre. Volume(cc)	4.2	4.7	7.8	2.4	1.4	4.0	4.9	5.1
Biomass(mg/m ³)	115.00	46.91	101.96	34.74	74.49	130.54	130.17	96.71
Copepoda	1,700	1,360	2,140	1,450	660	2,200	5,040	6,100
Amphipoda	0	0	2	2	0	11	3	2
Chaetognatha	124	233	421	79	39	124	92	100
Euphausiacea	0	0	0	0	0	5	0	4

	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	11	11	11	12	4	4	4	4
Time	17:45	20:35	22:50	01:00	16:00	19:25	21:40	23:55
Col. depth(m)	40	50	60	70	40	45	55	65
Pre. Volume(cc)	0.5	6.4	22.5	10.4	2.0	4.1	12.2	12.7
Biomass(mg/m ³)	6.45	156.03	162.89	211.19	42.47	89.49	244.85	224.52
Copepoda	570	9,500	8,100	14,600	960	280	180	740
Amphipoda	2	0	1	0	0	0	0	6
Chaetognatha	1	3	290	6	164	160	812	579
Euphausiacea	0	0	2	0	0	0	0	0

	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	7	9	9	9	29	29	29	29
Time	15:50	10:30	12:50	15:05	12:50	15:40	17:40	20:00
Col. depth(m)	35	45	55	65	40	45	50	60
Pre. Volume(cc)	4.0	18.5	6.2	15.4	1.5	1.7	18.0	22.4
Biomass(mg/m ³)	8.99	376.06	97.33	176.13	19.86	46.13	283.09	161.32
Copepoda	720	1,450	610	1,730	342	490	1,310	1,220
Amphipoda	0	44	2	57	0	0	1	9
Chaetognatha	125	240	73	582	35	31	29	34
Euphausiacea	0	0	0	0	0	0	0	1

부 유 생 물 조 성 표

Plankton Data, Line 308

	Feb.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	21	21	21	21	21	6	6	6	6	6
Time	14:35	11:35	08:30	05:30	02:30	10:25	13:20	16:00	19:00	22:00
Col. depth(m)	20	45	50	25	25	50	50	55	60	85
Pre. Volume(cc)	1.8	1.5	3.8	4.1	2.2	0.7	1.8	5.2	2.0	1.5
Biomass(mg/m ³)	107.88	38.52	88.31	65.17	32.96	45.44	21.39	135.49	92.26	10.36
Copepoda	880	920	2,120	1,280	740	286	1,084	1,660	880	332
Amphipoda	0	1	0	2	0	0	2	1	3	2
Chaetognatha	24	14	109	184	88	19	21	8	51	21
Euphausiacea	2	0	0	0	0	0	0	0	0	0

	June					Aug.				
Station	01	03	05	07	09	01	03	05	07	09
Date	12	12	12	12	12	5	5	5	5	5
Time	15:20	13:00	10:50	08:45	06:35	14:15	12:30	10:20	07:55	05:40
Col. depth(m)	20	50	55	65	80	20	50	50	65	80
Pre. Volume(cc)	2.2	0.9	1.9	10.2	8.8	—	3.8	7.7	32.0	24.5
Biomass(mg/m ³)	56.62	2.52	39.63	189.68	132.11	—	7.86	159.79	361.95	216.13
Copepoda	230	720	1,300	15,800	9,400	—	260	420	1,600	5,300
Amphipoda	0	1	0	1	0	—	0	2	29	23
Chaetognatha	2	0	5	11	6	—	51	304	597	702
Euphausiacea	0	0	0	0	0	—	0	0	0	0

	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	10	10	10	9	9	30	30	30	30	30
Time	05:40	03:30	01:20	23:05	20:45	10:40	08:35	06:15	04:00	01:40
Col. depth(m)	20	45	50	60	80	20	45	50	60	80
Pre. Volume(cc)	10.3	29.7	24.8	15.5	24.2	1.0	4.4	7.4	30.3	23.6
Biomass(mg/m ³)	157.28	501.89	547.31	296.27	248.49	13.98	60.17	106.46	175.74	149.41
Copepoda	490	1,200	520	680	1,150	65	740	620	610	332
Amphipoda	2	6	37	52	6	2	4	7	6	10
Chaetognatha	45	156	420	381	178	22	146	151	18	112
Euphausiacea	0	0	0	0	0	1	8	5	0	6

부 유 생 물 조 성 표

Plankton Data, Line 309

	Feb.					Apr.				
Station	01	03	05	07	09	01	03	05	07	09
Date	21	21	22	22	22	7	7	7	7	7
Time	18:45	21:40	00:30	03:20	06:30	15:30	12:40	10:00	07:00	04:05
Col. depth(m)	30	55	70	70	80	30	50	60	60	80
Pre. Volume(cc)	1.7	4.8	7.6	6.9	6.1	3.8	6.8	1.5	2.0	5.1
Biomass(mg/m ³)	29.47	111.89	145.88	106.95	63.69	178.23	113.78	28.31	66.05	88.07
Copepoda	570	4,600	5,200	720	2,440	3,120	740	240	5,800	2,950
Amphipoda	3	0	7	24	5	1	7	4	3	4
Chaetognatha	86	33	56	134	54	29	236	26	22	37
Euphausiacea	2	0	0	1	1	5	4	1	1	7

	June					Aug.				
Station	01	03	05	07	09	01	03	05	07	09
Date	12	12	12	13	13	5	5	5	6	6
Time	17:50	20:00	22:20	00:30	03:00	17:00	19:25	21:30	00:15	02:20
Col. depth(m)	35	50	70	65	75	30	50	65	65	75
Pre. Volume(cc)	2.5	3.8	9.9	14.2	11.7	12.8	8.8	22.5	21.7	13.0
Biomass(mg/m ³)	39.54	11.32	177.05	225.49	154.34	752.98	184.95	696.79	729.70	188.73
Copepoda	750	640	9,800	14,000	9,400	280	960	540	560	1,940
Amphipoda	0	0	1	0	8	0	0	14	8	73
Chaetognatha	9	16	48	8	41	78	544	678	598	910
Euphausiacea	0	0	0	6	3	0	0	0	2	2

	Oct.					Dec.				
Station	01	03	05	07	09	01	03	05	07	09
Date	10	10	10	10	10	30	30	30	30	30
Time	08:45	11:00	13:30	16:00	18:25	13:25	15:30	17:45	20:00	22:15
Col. depth(m)	30	50	65	65	70	25	50	65	65	70
Pre. Volume(cc)	25.6	47.8	15.6	27.8	20.5	0.7	0.6	4.4	5.2	12.5
Biomass(mg/m ³)	559.18	919.73	452.92	405.49	313.67	16.31	11.10	119.04	73.72	38.44
Copepoda	490	1,420	2,400	1,110	1,680	98	147	1,440	1,250	680
Amphipoda	0	20	22	37	27	0	0	20	9	11
Chaetognatha	57	158	332	268	228	11	14	95	183	72
Euphausiacea	0	0	0	0	0	0	0	0	0	0

부 유 생 물 조 성 표

Plankton Data, Line 310

	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	12	12	12	12	8	8	8	8
Time	08:15	11:15	14:15	17:20	08:15	11:15	14:15	17:20
Col. depth(m)	25	70	80	90	25	60	70	80
Pre. Volume(cc)	2.8	3.0	3.1	0.5	0.5	0.8	1.2	0.5
Biomass(mg/m ³)	47.18	17.52	20.25	8.91	27.68	18.87	17.52	15.73
Copepoda	186	316	350	53	45	161	273	281
Amphipoda	0	4	2	0	2	11	4	3
Chaetognatha	34	20	46	3	2	0	2	0
Euphausiacea	2	17	44	5	1	2	1	3

	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	8	8	9	9	3	3	3	3
Time	20:50	22:50	00:50	02:55	15:20	17:20	19:25	21:30
Col. depth(m)	25	65	80	90	25	70	80	90
Pre. Volume(cc)	3	6	19	3	0.1	0.8	0.7	14.5
Biomass(mg/m ³)	221.40	151.00	423.10	39.80	2.52	12.02	12.58	294.82
Copepoda	4,544	1,298	7,256	138	16	568	203	5,144
Amphipoda	0	2	16	6	0	0	8	56
Chaetognatha	216	38	222	20	2	156	30	456
Euphausiacea	4	30	144	20	0	8	1	40

	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	8	8	8	9	18	18	18	18
Time	17:00	19:20	21:40	00:05	08:10	10:30	12:55	15:20
Col. depth(m)	25	60	80	90	20	60	70	80
Pre. Volume(cc)	0.2	2.9	14.8	15.6	0.1	0.1	6.0	0.1
Biomass(mg/m ³)	12.57	52.39	221.63	236.83	9.44	4.19	133.01	2.36
Copepoda	126	686	2,344	2,324	6	33	1,068	22
Amphipoda	0	0	4	16	0	0	20	0
Chaetognatha	16	72	216	296	0	0	412	0
Euphausiacea	0	20	60	112	0	0	124	3

부 유 생 물 조 성 표

Plankton Data, Line 311

	Feb.			Apr.		
Station	05	07	09	05	07	09
Date	13	13	13	9	9	9
Time	07:50	04:05	01:00	07:50	04:05	01:00
Col. depth(m)	70	80	80	70	80	80
Pre. Volume(cc)	0.7	3.0	3.2	2.0	2.1	9.5
Biomass(mg/m ³)	10.78	22.02	27.13	29.66	25.95	61.34
Copepoda	93	276	964	522	359	2,108
Amphipoda	0	2	2	7	4	16
Chaetognatha	9	52	14	36	27	114
Euphausiacea	39	148	104	17	22	136

	June			Aug.		
Station	05	07	09	05	07	09
Date	9	9	9	4	4	4
Time	12:50	10:15	08:10	07:25	04:50	02:45
Col. depth(m)	70	80	80	70	85	85
Pre. Volume(cc)	5.0	4.0	7.0	8.2	4.7	2.2
Biomass(mg/m ³)	99.80	92.80	90.40	180.54	30.33	14.79
Copepoda	1,866	1,102	4,308	380	1,020	848
Amphipoda	14	24	24	2	4	4
Chaetognatha	46	66	136	192	400	92
Euphausiacea	17	27	12	2	8	2

	Oct.			Dec.		
Station	05	07	09	05	07	09
Date	9	9	9	19	18	18
Time	11:30	08:35	06:10	02:45	23:50	21:25
Col. depth(m)	70	80	80	60	80	80
Pre. Volume(cc)	2.7	6.3	0.1	4.6	3.7	0.2
Biomass(mg/m ³)	33.23	81.73	6.28	105.89	69.99	4.72
Copepoda	652	1,100	37	852	406	51
Amphipoda	4	4	0	4	0	0
Chaetognatha	62	144	2	112	64	3
Euphausiacea	12	12	1	24	26	2

부 유 생 물 조 성 표

Plankton Data, Line 312

	Feb.				Apr.			
Station	03	05	07	09	03	05	07	09
Date	20	20	19	19	9	9	10	10
Time	05:45	02:40	22:55	19:50	17:30	20:35	00:20	03:25
Col. depth(m)	70	90	90	80	60	80	80	80
Pre. Volume(cc)	2.5	3.3	2.0	0.3	1.4	1.1	0.6	3.0
Biomass(mg/m ³)	17.52	23.94	12.76	6.68	26.21	19.66	13.37	27.52
Copepoda	574	764	462	116	351	312	167	418
Amphipoda	4	0	4	1	1	2	3	6
Chaetognatha	54	104	22	1	4	5	3	12
Euphausiacea	28	64	46	16	7	8	8	23

	June				Aug.			
Station	03	05	07	09	03	05	07	09
Date	11	11	11	11	4	4	4	4
Time	18:55	16:50	14:10	12:00	14:10	16:15	18:55	21:05
Col. depth(m)	70	90	80	80	70	90	80	80
Pre. Volume(cc)	6.0	1.0	7.0	4.0	11.2	0.7	1.2	3.8
Biomass(mg/m ³)	136.60	14.00	173.00	102.20	185.04	9.78	16.51	34.58
Copepoda	3,059	357	4,840	2,016	3,280	88	199	458
Amphipoda	21	2	64	8	36	1	4	14
Chaetognatha	21	4	56	12	416	14	10	46
Euphausiacea	70	3	128	60	28	1	9	24

	Oct.				Dec.			
Station	03	05	07	09	03	05	07	09
Date	9	9	9	10	23	22	22	22
Time	18:15	20:40	23:40	02:10	01:25	23:00	20:00	17:30
Col. depth(m)	70	90	80	80	60	80	80	80
Pre. Volume(cc)	6.2	7.0	6.1	10.2	2.5	2.8	2.7	1.4
Biomass(mg/m ³)	90.72	125.75	82.52	143.82	35.66	30.67	29.88	16.51
Copepoda	704	892	1,088	660	220	308	246	178
Amphipoda	4	0	0	8	0	0	2	0
Chaetognatha	92	152	132	224	32	82	28	12
Euphausiacea	48	24	12	92	6	8	8	0

해 양 조 사 연 보(제 37 권)

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